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SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR

FULDA AAF, GERMANY

Prepared by

OL-A, USAFETAC
ASHEVILLE, NORTH CAROLINA
28801-2723



NOVEMBER 1991

92-06482



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11. SUPPLEMENTARY NOTES: EFFECTIVE JULY 1 1988, THIS PRODUCT REPLACED TWO USAFETAC DOCUMENTS FORMERLY KNOWN AS THE REVISED UNIFORM SUMMARY OF SURFACE OBSERVATIONS (RUSSWO) AND THE LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCs). EXISTING RUSSWOS AND LISOCs WILL CONTINUE IN USE, BUT WILL EVENTUALLY BE BY A SOCS.
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13. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A, USAFETAC CLIMATIC DATABASE.
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PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCS (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCS NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SFCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCS." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.

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*** NOTE: THE AWS CLIMATIC BRIEF IS ATTACHED AT THE END OF THE SOCS ***

INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: MAR 81 - FEB 91 (METAR).

SUMMARY OF DAY DATA: SEP 60 - NOV 64, JAN 66 - OCT 66, DEC 67 - FEB 91 (PART TIME).

SUMMARY OF DAY DATA: DEC 64 - DEC 65, NOV 66 - NOV 67 (FULL TIME).

HOURS SUMMARIZED: 0500 LST THROUGH 2200 LST.

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY. NOTE: EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS ARE NOT REFLECTED IN THESE SUMMARIES.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

NOTE 1. DURING PART TIME PERIODS, THE FIRST AND LAST 3-HOUR PERIODS MAY HAVE SIGNIFICANT SHORTFALLS IN OBSERVATION COUNTS.

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

* UTC REPLACED GMT ON 1 AUGUST 1988

NOTE: OL-A/USAFETAC DERIVES STATION LATITUDE/LONGITUDE COORDINATES AND AIRFIELD ELEVATION DATA FROM THE AWS MASTER STATION CATALOG. THIS INFORMATION IS PRESENTED ON THE AWS CLIMATIC BRIEF FOR EACH STATION. THE STATION DATA MAY DIFFER FROM INFORMATION CONTAINED IN THE SOCS STATION HISTORY (DATA SUPPLIED BY AWS UNITS). THE STATION DATA MAY ALSO VARY FROM DATA PRESENTED IN DOD FLIGHT INFORMATION PUBLICATIONS (FLIP).

STATION NO. ON SUMMARY 105360		STATION NAME FULDA AIN GERMANY		LATITUDE N 50 32		LONGITUDE E 009 38		FLD ELEV (FT) 1000		CALL SIGN EDEX		WMO NMBR	
STATION LOCATION AND INSTRUMENTATION HISTORY													
Nmbr of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	Elev Above MSL		OBS PER DAY				
			From	To			FLD (FT)	BARO (FT)					
1	Fulda AAF Germany	AAF	Sep 60	Nov 64	N 50 32	E 009 38	1010	N/A	12				
2	Same	Same	Dec 64	Dec 65	Same	Same	Same	N/A	24				
3	Same	Same	Jan 66	Jul 66	Same	Same	Same	N/A	14				
4	Same	Same	Jul 66	Oct 66	Same	Same	Same	995	14				
5	Same	Same	Nov 66	Nov 67	Same	Same	Same	Same	24				
6	Same	Same	Dec 67	Feb 69	Same	Same	Same	Same	17				
7	Same	Same	Feb 69	Dec 70	Same	Same	Same	977	15				
8	Same	Same	Dec 70	May 86	Same	Same	1000	986	18				
9	Fulda AIN Germany	AIN	Jun 86	Jan 88	Same	Same	Same	Same	18				

Nmbr of Loc	Date of Change	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIP- MENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Sep 60	On top of control tower	AN/GMQ-11	None	54 ft	
2	Jan 63	100' N of overrun to rwy 09	Same	None	15 ft	
3	Dec 65	337' S & 185' from end of rwy 27	Same	RO-2	18 ft	
4	Nov 82	Same	AN/GMQ-20	Same	Same	
5	Dec 83	Same	Same	RO-362	Same	
6	Jan 88	Midpt rwy 27	Same	Same	20 ft	

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	AAAAAA
PPPPPPPPPP	AAAAAAAAA	RRRRRRRRRR	TTTTTTTTTTT	AAAAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPPPPP	AA AA	RRRRRRRRR	TT	AA AA
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	AAAAAAAAA
PP	AAAAAAAAA	RR RR	TT	AAAAAAAAA
PP	AA A\	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUIL PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

NOTE 4: DURING PART TIME PERIODS, THESE TABLES MAY NOT ACCURATELY REFLECT NIGHTTIME AND/OR WEEKEND OCCURRENCES OF CERTAIN PHENOMENA.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
M NTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08		19.3	2.3	14.4		36.0	37.0	.5	.2		73.7	616
09-11		20.2	1.8	15.9		37.9	35.2	1.4			74.5	659
12-14		18.2	.5	12.2		30.9	32.1	5.7			68.7	654
15-17		20.7	.2	8.4		29.3	30.3	6.1			65.6	628
18-20		14.8	1.0	8.1	.2	24.1	38.5	1.8			64.4	506
21-23		13.7		10.3		23.9	35.0	1.7			60.7	117
ALL HOURS		18.6	1.1	11.9	.0	31.7	34.5	5.1	.0		69.3	3180

MONTH: FEB

00-02												0
03-05												0
06-08		9.1	.3	15.6		25.0	47.5	2.2			74.7	604
09-11		11.1		20.0		31.2	37.7	7.2			76.0	629
12-14		11.7		15.3		27.0	19.7	23.5			70.2	614
15-17	.2	12.2		13.8		26.0	15.8	22.0			63.9	581
18-20		11.5		8.7		20.2	34.3	11.7			66.2	470
21-23		10.1		10.1		20.2	45.7	4.7			70.5	129
ALL HOURS	.0	11.1	.1	14.8		25.9	31.6	12.9			70.5	3027

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAR

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08		19.0	.3	7.5		26.8	46.9	2.3			76.0	684
09-11		21.5	.4	8.4		30.3	33.2	10.9			74.5	713
12-14	.3	22.0		6.1		28.1	12.8	20.6			61.5	686
15-17		20.2		5.3		25.5	8.5	15.6			49.6	639
18-20	1.1	21.0		5.8		26.8	16.5	10.1			53.4	534
21-23		21.7		5.6		27.3	24.5	3.5			55.2	143
ALL HOURS	.2	20.8	.1	6.6		27.6	24.2	11.6			63.4	3399

MONTH: APR

00-02												0
03-05												0
06-08		16.5		3.7		20.2	39.8	4.2			64.1	674
09-11		19.0		4.2		23.3	18.3	10.8			52.4	683
12-14		17.8		3.4		21.3	7.5	9.5			38.3	639
15-17	.2	16.2		3.0		19.3	4.1	8.5			31.8	591
18-20	1.1	13.7		1.9		15.6	8.9	7.0			31.5	531
21-23	1.4	16.1				16.1	11.2	7.7			35.0	143
ALL HOURS	.3	16.8		3.2		20.0	16.2	8.0			44.2	3261

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08		17.4				17.4	37.9	2.9			58.2	651
09-11		18.0				18.0	8.6	11.0			37.6	654
12-14	1.8	19.3				19.3	2.1	4.5			25.9	621
15-17	3.4	20.5				20.5	1.8	2.7			24.9	562
18-20	2.3	17.4				17.4	4.2	5.5			27.2	471
21-23	1.5	18.5				18.5	9.2	6.2			33.8	130
ALL HOURS	1.4	18.5				18.5	11.6	5.4			35.5	3089

MONTH: JUN

00-02												0
03-05												0
06-08	.8	13.3				13.3	34.9	4.4			52.6	654
09-11	.2	14.9				14.9	9.0	8.4			32.3	665
12-14	.5	16.6				16.6	1.9	5.1		.2	23.8	622
15-17	2.8	15.0				15.0	2.6	3.7		.2	21.4	574
18-20	2.6	13.2				13.2	3.6	5.6			22.4	499
21-23	2.1	11.8				11.8	6.9	6.9			25.7	144
ALL HOURS	1.3	14.5				14.5	10.9	5.6		.1	31.0	3158

A - 2 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUL

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08	.8	11.1				11.1	33.9	6.5			51.5	651
09-11	.5	11.7				11.7	8.7	10.8			31.2	647
12-14	.8	10.1				10.1	2.7	7.3		.2	20.3	626
15-17	1.8	8.4				8.4	2.2	7.6			18.2	604
18-20	2.1	7.5				7.5	2.4	8.1		.2	18.3	531
21-23	2.0	9.2				9.2	5.3	13.2			27.6	152
ALL HOURS	1.2	9.8				9.8	10.2	8.3		.1	28.4	3211

MONTH: AUG

00-02												0
03-05												0
06-08	.5	10.2				10.2	44.5	2.9			57.6	665
09-11	.3	9.6				9.6	16.4	18.6			44.6	666
12-14	.5	9.6				9.6	4.6	10.4		.2	24.7	656
15-17	1.8	8.0				8.0	2.5	8.6			19.1	628
18-20	1.3	5.9				5.9	5.5	12.5			23.9	560
21-23	2.4	8.5				8.5	12.2	9.8			30.5	164
ALL HOURS	.9	8.7				8.7	15.0	10.5		.0	34.3	3339

A - 2 - 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08	.3	11.4				11.4	56.5	2.1			70.0	630
09-11		10.1				10.1	33.8	11.4		.2	55.4	634
12-14	.2	11.9				11.9	5.3	14.6		.2	32.0	628
15-17	.7	13.1				13.1	3.4	10.6			27.0	597
18-20	.6	13.9				13.9	9.1	12.7			35.7	504
21-23		13.2				13.2	19.8	9.1			42.1	121
ALL HOURS	.3	12.0				12.0	22.3	10.1		.1	44.5	3114

MONTH: OCT

00-02												0
03-05												0
06-08	.2	18.9				18.9	54.3				73.2	634
09-11		16.8				16.8	43.6	3.7			64.2	642
12-14		14.4				14.4	19.0	11.4			44.8	632
15-17		12.9				12.9	14.7	13.2			40.7	607
18-20		12.1				12.1	31.1	5.2			48.4	521
21-23	.7	12.5				12.5	36.2	2.0			50.7	152
ALL HOURS	.1	15.0				15.0	32.9	6.5			54.4	3188

A - 2 - 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: NOV

HOURS (LST)	TSIMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08		14.2	.2	3.6		17.9	51.3	1.2			70.4	585
09-11		16.6		5.0		21.7	43.9	3.5			69.1	595
12-14		13.5		5.3		18.8	28.0	11.1			57.8	586
15-17		13.2		7.3		20.5	24.0	11.2			55.7	562
18-20	.2	16.9		5.2		22.1	41.4	3.2			66.8	497
21-23		18.9		3.0	.8	22.7	36.4	3.8			62.9	132
ALL HOURS	.0	15.0	.0	5.2	.0	20.3	37.7	6.0			63.9	2957

MONTH: DEC

00-02												0
03-05												0
06-08		23.6	.9	6.4		30.9	42.6		.4		74.0	530
09-11		20.0	.5	9.3		29.8	40.9	1.5	.2		72.3	614
12-14		18.1		9.1		27.2	32.8	7.0			67.0	625
15-17	.3	24.3		6.8		31.1	31.6	7.5			70.2	573
18-20	.2	23.8		6.2		30.0	42.1	2.1			74.1	437
21-23		22.0		8.5		30.5	43.9	1.2			75.6	82
ALL HOURS	.1	21.7	.3	7.7		29.7	37.9	3.7	.1		71.4	2861

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN		18.6	1.1	11.9	.0	31.7	34.5	3.1	.0		69.3	3180
FEB	.0	11.1	.1	14.8		25.9	31.6	12.9			70.5	3027
MAR	.2	20.8	.1	6.6		27.6	24.2	11.6			63.4	3399
APR	.3	16.8		3.2		20.0	16.2	8.0			44.2	3261
MAY	1.4	18.5				18.5	11.6	5.4			35.5	3089
JUN	1.3	14.5				14.5	10.9	5.6		.1	31.0	3158
JUL	1.2	9.8				9.8	10.2	8.3		.1	28.4	3211
AUG	.9	8.7				8.7	15.0	10.5		.0	34.3	3339
SEP	.3	12.0				12.0	22.3	10.1		.1	44.5	3114
OCT	.1	15.0				15.0	32.9	6.5			54.4	3188
NOV	.0	15.0	.0	5.2	.0	20.3	37.7	6.0			63.9	2957
DEC	.1	21.7	.3	7.7		29.7	37.9	3.7	.1		71.4	2861
ANNUAL	.5	15.2	.1	4.1	.0	19.4	23.5	7.7	.0	.0	50.6	37784

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM SUMMARY OF DAY DATA

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: -01

PERIOD OF RECORD: 6111-6312,6505-9102
MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.4	37.6	3.4	29.9	.3	58.6	68.0	47.0	.6		96.7	676
FEB	.9	31.9	1.4	28.1	.8	50.5	66.1	53.2	.3		93.6	637
MAR	1.6	45.2	.7	18.9	.4	53.8	61.8	58.0			93.0	684
APR	3.6	48.5		12.7	.9	51.8	53.5	56.2			87.2	639
MAY	9.4	47.5		.4	.9	47.5	46.7	48.1			79.2	692
JUN	16.0	50.7			1.2	50.9	47.1	50.6			83.5	686
JUL	11.5	44.0		.1	.3	44.0	46.4	53.1			83.5	672
AUG	11.7	43.6			.4	43.6	52.4	59.0			86.6	702
SEP	3.7	40.5			.1	40.5	58.0	61.8			92.5	667
OCT	.9	40.8	.4	.7	.1	41.1	63.0	54.9			91.6	689
NOV	.3	45.7	1.2	18.8	.1	56.7	67.9	48.1	.1		94.0	669
DEC	1.4	42.6	2.7	24.2	.2	57.1	64.5	45.6	.8		95.3	660
ANNUAL	5.2	43.3	.8	11.0	.5	49.6	57.9	53.0	.1		89.7	8073

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02												
03-05												
06-08						.8	.8	.5	.3	.2		
09-11						.2	.5	.3				
12-14			.3		1.8	.5	.8	.5	.2			
15-17		.2		.2	3.4	2.8	1.8	1.8	.7			.3
18-20			1.1	1.1	2.3	2.6	2.1	1.3	.6		.2	.2
21-23				1.4	1.5	2.1	2.0	2.4		.7		
ALL HOURS		.0	.2	.3	1.4	1.3	1.2	.9	.3	.1	.0	.1
TOTAL OBS	3180	3027	3399	3261	3089	3158	3211	3339	3114	3188	2957	2861

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS
TSTMS							
LIQUID PRECIP	3.0	7.1	1.0	.8	64.9	23.1	593
FREFZING PRECIP	20.0		2.9	5.7	71.4		35
FROZEN PRECIP	15.4	1.2	21.2	1.2	31.6	29.6	345
FOG	30.4	.4	12.4	3.9	47.6	5.3	1096
FOG WITH VIS GE 1/2 MILES	25.9	.4	13.2	3.8	51.3	5.4	996
TOTAL OBS	446	58	246	54	1108	357	0 2269

MONTH: FEB HOURS: ALL

TSTMS						100.0	1
LIQUID PRECIP	6.9	3.9	3.6	1.5	61.8	22.4	335
FREEZING PRECIP	100.0						2
FROZEN PRECIP	8.4	2.0	50.1	2.0	20.5	17.0	405
FOG	42.0	.6	27.8	4.5	18.3	6.8	957
FOG WITH VIS GE 1/2 MILES	35.8	.7	31.0	4.6	20.6	7.3	839
TOTAL OBS	564	36	657	85	557	277	0 2176

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS
TSTMS					12.5	87.5	8
LIQUID PRECIP	9.9	4.7	7.7	1.6	54.8	21.3	699
FREEZING PRECIP	80.0				20.0		5
FROZEN PRECIP	12.2	1.1	19.4	.6	43.9	22.8	180
FOG	39.1	.7	26.5	3.9	19.4	10.3	823
FOG WITH VIS GE 1/2 MILES	33.8	.8	28.2	4.0	21.6	11.6	733
TOTAL OBS	510	71	461	79	750	354	0 2225

MONTH: APR HOURS: ALL

TSTMS			11.1		33.3	55.6	9
LIQUID PRECIP	9.6	1.1	28.5	3.7	28.0	29.1	540
FREEZING PRECIP							
FROZEN PRECIP	14.1	1.3	35.9	5.1	14.1	29.5	78
FOG	37.3	.4	35.2	2.7	12.3	12.1	528
FOG WITH VIS GE 1/2 MILES	31.7	.4	38.7	2.8	13.6	12.7	463
TOTAL OBS	314	19	532	63	283	331	0 1542

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS
TSTMS	7.0	4.7	25.6	11.6	18.6	32.6	43
LIQUID PRECIP	8.4	2.6	26.1	2.2	31.2	29.5	545
FREEZING PRECIP							
FROZEN PRECIP							
FOG	46.9	.3	19.3	3.6	18.4	11.5	358
FOG WITH VIS GE 1/2 MILES	42.7	.3	20.7	4.0	20.1	12.1	323
TOTAL OBS	273	26	310	46	316	283	0 1254

MONTH: JUN HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS
TSTMS	2.4	4.9	14.6	14.6	31.7	31.7	41
LIQUID PRECIP	6.3	3.7	16.0	1.9	35.3	36.7	430
FREEZING PRECIP							
FROZEN PRECIP							
FOG	37.3	.3	30.3	2.3	15.5	14.3	343
FOG WITH VIS GE 1/2 MILES	34.7	.3	31.9	2.1	16.3	14.7	326
TOTAL OBS	208	28	272	33	287	288	0 1116

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS
TS/TMS	15.8	2.6	13.2	10.5	13.2	44.7	38
LIQUID PRECIP	11.6	3.9	13.0	2.1	36.3	33.1	284
FREEZING PRECIP							
FROZEN PRECIP							
FOG	45.9	.9	27.4	1.2	10.9	13.7	329
FOG WITH VIS GE 1/2 MILES	43.2	1.0	29.0	1.3	11.0	14.5	310
TOTAL OBS	273	35	221	52	196	266	0 1043

MONTH: AUG HOURS: ALL

TS/TMS	6.7		23.3	13.3	30.0	26.7	30
LIQUID PRECIP	12.0	1.5	18.2	3.3	28.1	36.9	274
FREEZING PRECIP							
FROZEN PRECIP							
FOG	51.0	.2	20.1	4.2	15.1	9.4	502
FOG WITH VIS GE 1/2 MILES	44.1	.2	22.0	5.1	17.8	10.7	410
TOTAL OBS	371	17	287	71	266	249	0 1261

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS	
TSTMS	20.0		20.0	10.0	30.0	20.0	10	
LIQUID PRECIP	6.5	5.7	20.9	1.4	41.0	24.5	368	
FREEZING PRECIP								
FROZEN PRECIP								
FOG	55.0	.7	15.3	3.5	16.5	9.1	695	
FOG WITH VIS GE 1/2 MILES	43.3	1.0	18.4	3.9	21.4	12.0	510	
TOTAL OBS	500	37	276	42	412	217	0	1484

MONTH: OCT HOURS: ALL

ISTMS					50.0	50.0	2	
LIQUID PRECIP	9.8	9.4	7.5	2.5	55.9	14.9	478	
FREEZING PRECIP								
FROZEN PRECIP								
FOG	39.1	.6	16.8	6.2	29.0	8.4	1050	
FOG WITH VIS GE 1/2 MILES	31.9	.7	17.4	6.6	33.5	9.8	877	
TOTAL OBS	487	61	261	96	688	202	0	1795

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS	
TSTMS						100.0	1	
LIQUID PRECIP	9.0	3.4	6.1	1.4	51.6	28.6	444	
FREEZING PRECIP					100.0		1	
FROZEN PRECIP	8.7		37.7		34.1	19.6	138	
FGG	40.9	1.3	13.6	2.9	32.9	8.5	1114	
FOG WITH VIS GE 1/2 MILES	34.1	1.5	14.4	2.8	37.9	9.4	960	
TOTAL OBS	561	41	252	64	725	293	0	1936

MONTH: DEC HOURS: ALL

TSTMS		33.3			33.3	33.3		3
LIQUID PRECIP	6.8	4.5	2.6	.3	59.9	25.9		621
FREEZING PRECIP	50.0				50.0			8
FROZEN PRECIP	16.6	.5	21.8	1.0	35.2	24.9		193
FOG	34.1	.9	14.0	4.2	39.8	6.9		1083
FOG WITH VIS GE 1/2 MILES	29.9	1.0	14.6	4.2	42.8	7.4		995
TOTAL OBS	483	46	228	52	950	309	0	2068

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS
TSTMS	7.5	3.2	17.2	10.8	23.7	37.6	186
LIQUID PRECIP	8.1	4.4	12.1	1.8	47.2	26.4	5611
FREEZING PRECIP	33.3		2.0	3.9	60.8		51
FROZEN PRECIP	12.2	1.2	32.3	1.4	29.6	23.2	1339
FOG	40.3	.7	19.8	3.9	26.7	8.7	8878
FOG WITH VIS GE 1/2 MILES	34.2	.8	21.4	4.0	30.0	9.6	7742
TOTAL OBS	4990	475	4003	737	6538	34.6	0 20169

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	BBBBBBBBBB
PPPPPPPPPP	AAAAAAAAA	RRRRRRRRRR	TTTTTTTTTTT	BBBBBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPPPPP	AA AA	RRRRRRRRR	TT	BBBBBBBBBBB
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	BBBBBBBBBBB
PP	AAAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBBBBB

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PART B

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN PERIOD.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE		NAVY AND NATIONAL WEATHER SERVICE	
THROUGH 1945:	0800 LST	THROUGH JUN 1952:	0030 GMT
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT

NOTE 7. 24-HOUR PRECIPITATION (INCLUDING SNOWFALL AND SNOW DEPTH) VALUES DERIVED FROM PART TIME PERIODS MAY NOT REFLECT TRUE 24-HOUR AMOUNTS. RECORDED AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS. IN ADDITION, 24-HOUR AMOUNTS MAY NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT" AMOUNT. DATA FROM PART TIME PERIODS MAY NOT ACCURATELY REFLECT NIGHTTIME PRECIPITATION EVENTS.

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS
- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: -01

PERIOD OF RECORD: 6111-6312,6505-9102
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	28.6	34.0	31.7	36.1	36.8	35.3	44.3	42.5	42.4	38.1	30.2	26.4	35.6
TRACE	15.9	18.4	17.4	14.5	12.9	12.8	12.4	12.9	12.0	16.5	16.8	16.1	14.8
.01	5.7	3.8	4.4	4.0	5.1	4.9	4.1	4.9	5.5	7.2	5.2	5.3	5.0
.02-.05	20.7	16.7	14.9	13.3	11.7	11.7	9.3	10.0	11.8	14.2	16.2	15.1	13.7
.06-.10	10.8	8.4	8.3	8.4	9.4	9.4	5.5	7.5	7.8	6.1	7.8	12.2	8.5
.11-.25	10.2	11.3	14.4	14.7	11.2	12.4	12.9	10.7	11.4	9.7	12.4	12.6	12.0
.26-.50	5.6	4.4	7.0	6.5	9.1	7.9	5.9	6.3	5.8	4.8	7.5	7.2	6.5
.51-1.00	2.4	2.5	1.7	2.1	3.2	3.9	4.6	4.0	2.5	2.1	3.1	3.7	3.0
1.01-2.50		.5	.1	.6	.6	1.4	1.0	.8	.9	1.3	.7	1.3	.8
2.51-5.00						.1		.3					.0
5.01-10.00													
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	55.5	47.6	50.9	49.4	50.3	51.9	43.3	44.6	45.6	45.5	53.0	57.5	49.6
TOTAL NO. OF OBSERVATIONS	696	653	700	682	712	709	711	729	677	704	668	696	8337

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: -01

PERIOD OF RECORD: 6111-6312,6505-9102
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
61											1.07*	4.03*	5.10*
62	1.94*	1.95*	1.70*	1.95	2.17	1.97	2.74	2.41	1.21	.50	1.00	2.75	22.29*
63	1.09	.60	1.62	.97	1.27	3.35	2.50	4.76	2.43	1.15	4.93	.29	24.96
65					2.17	2.97	5.73	1.41	1.50	.43	3.71	4.21*	22.13*
66	.70	2.37	2.23	3.09	1.76	4.39	3.79	3.20	1.03	2.78	2.53	5.37	33.24
67	.85	3.15	1.95	1.49	2.96	1.54	.69	2.73	2.35	2.55	1.47	4.04	25.77
68	1.81	1.81	2.19	2.55	2.04	3.65	1.98	3.56	2.90	1.67	.68	1.07	25.91
69	1.12	2.43	1.67	2.26	3.56	3.81	.51	5.03	1.48	.65	2.42*	1.72	26.66*
70	1.26	3.17	1.98	3.33	1.71	1.79	3.13*	1.74	2.10	1.90*	1.00*	2.03*	25.14*
71	2.55*	.92*	.65*	1.88*	2.76*	4.38*	.26*	2.49*	1.40*	1.83*	3.04*	.79*	22.95*
72	.37*	.29*	1.85*	2.83*	2.43*	5.07*	3.65*	5.22*	.91*	.87*	3.55*	.35*	27.39*
73	.71*	1.83*	.37*	2.41*	2.35*	.89*	1.92*	1.02*	1.55*	3.01*	1.84*	1.35*	19.25*
74	1.52*	1.61*	1.75*	1.30*	2.72*	2.45*	3.73*	2.23*	1.58*	5.78*	1.59*	5.38*	31.64*
75	2.33*	.86*	1.66*	2.55*	1.35*	6.13*	1.20*	1.96*	3.34*	1.50*	1.48*	1.31*	25.67*
76	3.44*	.65*	.98*	.34*	.87*	1.07*	1.66*	.99*	1.00*	.49*	1.73*	1.47*	14.69*
77	1.70*	3.16	1.31	1.52	2.00	3.30	1.76	3.03	.58	2.71	5.46	1.48	28.01*
78	.70	.52	2.57	.89	3.05	1.14	1.91	1.89	3.00*	.92	.28	3.19	20.06*
79	2.11	1.18	3.39	2.70	1.96	2.44	2.33	2.93	1.12	.34	2.99	4.42	27.91
80	1.21	2.13	1.02	3.20	2.17	4.47	4.78	1.13	2.18	1.88	.99	1.45	26.61
81	2.39	.35	2.58	1.44	3.04	4.49	2.58	4.70*	1.87*	2.33*	1.00*	3.73*	30.50*
82	1.26*	.24*	1.41*	2.04*	2.16*	2.18*	1.44*	.76*	.48*	4.36*	1.33*	3.27*	20.93*
83	1.61*	1.75	2.47*	4.02*	3.57*	1.21*	1.32*	2.15*	2.61*	1.03*	2.43	1.36	25.53*
84	4.24*	3.65	1.31	1.24	6.17*	1.68*	1.53*	3.45*	3.70*	1.91*	2.66*	1.14*	32.68*
85	1.49*	.63*	.84*	1.78*	2.83*	3.12*	4.24*	2.78*	1.26*	.25*	1.67*	2.00*	22.89*
86	2.56*	.68*	3.96*	1.89*	2.28*	2.07*	2.53*	1.90*	2.04*	2.79*	.90*	2.13*	25.73*
87	1.38*	.70*	2.50*	.80*	3.07*	5.89*	2.93*	2.30*	3.08*	2.85*	1.97*	1.42*	28.89*
88	3.01*	2.98*	2.79*	1.69*	1.25*	.94*	2.16*	.81*	2.31*	1.64*	1.50*	3.85*	24.93*
89	.87*	1.39*	2.31*	3.39*	2.07*	.99*	3.26*	1.84*	2.30*	2.26*	2.46*	4.41*	27.55*
90	2.04*	2.74*	1.70*	1.32*	.30*	1.75*	1.56*	1.70*	1.58*	2.09*	2.65*	1.68*	21.11*
91	2.44*	1.01*											3.45*

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 6111-6312,6505-9102
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LEAST	.70	.35	1.02	.89	1.27	1.14	.51	1.13	.58	.34	.28	.29	24.96
GREATEST	4.24	3.65	3.96	4.02	6.17	6.13	5.73	5.22	3.70	5.78	5.46	5.38	33.24
MEAN	1.32	2.02	1.98	2.05	2.30	3.02	2.61	2.82	1.72	1.42	2.41	2.47	27.40
MEDIAN	1.17	2.13	1.97	1.95	2.17	3.30	2.42	2.83	1.50	1.15	2.43	1.72	26.26
SD	.588	1.108	.664	.861	.656	1.156	1.527	1.223	.718	.947	1.735	1.606	3.027
TOTAL OBS	696	653	700	682	712	709	711	729	677	704	668	696	8337

THE GREATEST VALUE OF 6.17 OCCURRED ON 05/84

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: -01

PERIOD OF RECORD: 6111-6312,6505-9102
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
61											.43*	1.09*	1.09*
62	.32*	.86*	.61*	.38	.33	.86	.64	.85	.37	.34	.27	.47	.86*
63	.24	.22	.26	.42	.41	.56	1.09	1.05	1.05	.45	1.12	.08	1.12
65					.36	1.02	1.17	.54	.32	.23	.60	.75*	1.17*
66	.21	1.12	.32	.46	.49	1.21	.94	.78	.50	.82	.51	1.09	1.21
67	.35	1.17	.42	.34	.77	.26	.28	.88	1.03	.55	.45	1.40	1.40
68	.60	.68	.42	1.22	.54	2.26	.76	.82	.65	.41	.23	.25	2.26
69	.31	.32	.59	.49	1.21	.83	.18	1.48	.95	.25	.31*	.40	1.48*
70	.32	.76	.30	.46	.33	1.03	.69*	.30	.81	.39*	.53*	.64*	1.03*
71	.58*	.18*	.15*	1.51*	.84*	1.00*	.17*	.85*	.38*	1.07*	1.08*	.29*	1.51*
72	.21*	.21*		.57*	.49*	1.02*	1.65*	1.06*	.42*	.53*	1.14*	.28*	1.65*
73	.27*	.73*		.85*	.55*	.24*	.53*	.37*	.67*	1.33*	.35*	.32*	1.33*
74	.49*	.42*	1*	.60*	.87*	.62*	.73*	1.05*	.54*	.84*	.66*	1.09*	1.09*
75	.33*	.58*	.27*	.90*	.32*	2.63*	.48*	.65*	1.30*	.64*	.44*	.46*	2.63*
76	.67*	.43*	.28*	.25*	.33*	.81*	.77*	.35*	.23*	.14*	.52*	.63*	.81*
77	.28*	.78	.51	.21	.79	.51	1.24	.77	.16	.71	1.28	.36	1.28*
78		.22	.31	.50	.98	.19	.45	.39	.69*	.37	.11	.81	.98*
79	.88	.43	.39	.47	.47	.60	.85	.72	.38	.12	.89	1.12	1.12
80	.26	.51	.27	1.07	.95	1.47	.66	.37	.68	1.03	.19	.31	1.47
81	.52	.09	.50	.79	1.04	1.51	.81	3.07*	.49*	.66*	.20*	1.14*	3.07*
82	.25*	.22*	.39*	.80*	.87*	.68*	.56*	.28*	.24*	1.82*	.61*	.64*	1.82*
83	.45*	.60	.53*	.89*	.88*	.45*	.68*	1.00*	.84*	.40*	.72	.49	1.00*
84	.89*	1.08	.27	.60	1.43*	.49*	.75*	2.65*	1.52*	.41*	2.43*	.31*	2.65*
85	.51*	.49*	.35*	.51*	.47*	.57*	1.42*	1.20*	.45*	.09*	.61*	.54*	1.42*
86	.76*	.29*	1.49*	.32*	.40*	.88*	.71*	1.04*	.57*	1.24*	.23*	.30*	1.49*
87	.72*	.22*	.71*	.50*	.73*	1.80*	.85*	.58*	1.12*	1.13*	.44*	.80*	1.80*
88	.95*	.54*	.48*	.52*	.33*	.33*	.59*	.33*	.80*	.87*	.47*	.77*	.95*
89	.26*	.50*	.33*	1.44*	.81*	.26*	1.70*	.49*	1.27*	1.23*	.61*	1.13*	1.70*
90	.90*	.65*	.59*	.32*	.09*	.48*	.69*	.43*	.42*	1.13*	.61*	.58*	1.13*
91	.87*	.35*											.87*

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 6111-6312,6505-9102
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
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GREATEST	.95	1.17	1.49	1.51	1.43	2.63	1.70	3.07	1.52	1.82	2.43	1.40	3.07
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TOTAL OBS	696	653	700	682	712	709	711	729	677	704	668	696	8337
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THE GREATEST VALUE OF 3.07 OCCURRED ON 08/10/81

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 105360

STATION NAME:FULDA AAF DL
LST TO UTC: -01

PERIOD OF RECORD: 6009-6103,6505-6601,6605-9102
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	63.3	61.5	73.4	33.2	99.5	100.0	100.0	100.0	100.0	98.6	78.9	66.9	85.8
TRACE	16.0	19.7	16.5	11.3	.3					1.2	10.6	16.1	7.4
0.1-0.4	6.8	7.4	4.3	3.2	.2					.2	3.2	6.4	2.6
0.5-1.4	10.2	6.2	3.5	1.9							4.7	6.6	2.7
1.5-2.4	1.6	3.2	1.4	.5							1.1	2.7	.9
2.5-3.4	1.7	1.0	.6								1.1	.8	.4
3.5-4.4	.3	.5										.5	.1
4.5-6.4	.2	.5	.2								.2	.2	.1
6.5-10.4											.2		.0
10.5-15.4													
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	20.8	18.8	10.1	5.6	.2					.2	10.5	17.0	6.8
TOTAL NO. OF OBSERVATIONS	645	595	625	594	653	651	652	669	636	666	620	641	7647

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: -01

PERIOD OF RECORD: 6009-6103,6505-6601,6605-9102
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
60									.0*	TRACE*	TRACE*	1.4*	1.4*
61	2.7*	1.5*	.0*										4.2*
65					.0	.0	.0	.0	.0	.0	9.6	2.8*	12.4*
66	.4*				.0	.0	.0	.0	.0	.0	11.7	4.7	16.8*
67	4.9	1.4	1.0	TRACE	.0	.0	.0	.0	.0	.0	3.9	7.6	18.8
68	16.3	6.3	1.9	TRACE	.0	.0	.0	.0	.0	.0	1.1	6.5	32.1
69	.2	19.5	2.0	1.9	.0	.0	.0	.0	.0	.0	2.0	17.2	42.8
70	10.2	19.4	11.3	2.3	.2	.0	.0	.0	.0	.0	TRACE*	4.8*	48.2*
71	3.7*	1.3*	2.8*	TRACE*	.0*	.0*	.0*	.0*	.0*	TRACE*	6.3*	1.6*	15.7*
72	2.5*	.0*	2.6*	TRACE*	.0*	.0*	.0*	.0*	.0*	TRACE*	10.8*	.0*	15.9*
73	1.7*	8.1*	.6*	5.5*	.0*	.0*	.0*	.0*	.0*	.0*	4.3*	5.4*	25.6*
74	TRACE*	3.1*	.6*	.4*	.0*	.0*	.0*	.0*	.0*	TRACE*	.0*	5.0*	9.1*
75	2.5*	TRACE*	7.7*	4.8*	TRACE*	.0*	.0*	.0*	.0*	.2*	3.4*	TRACE*	18.6*
76	4.0*	4.1*	.1*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	1.8*	10.0*
77	8.6*	.1	TRACE	.6	.0	.0	.0	.0	.0	.0	1.7	1.3	12.3*
78	2.2	5.2	1.2	TRACE	.0	.0	.0	.0	.0*	.0	TRACE	.3	8.9*
79	7.2	2.1	1.8	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	4.5	15.6
80	1.1	TRACE	.2	TRACE	.0	.0	.0	.0	.0	.0	7.2	7.3	15.8
81	9.3	1.0	1.0	TRACE	.0	.0	.0	.0*	.0*	.0*	.7*	12.4*	24.4*
82	8.0*	.2*	TRACE*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	3.8*	12.0*
83	3.8*	12.1	6.8*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	1.6*	2.3	26.6*
84	13.9*	2.5	1.1	2.0	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	TRACE*	19.5*
85	11.1*	4.9*	2.2*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	3.6*	6.4*	28.2*
86	4.2*	7.1*	1.0*	.1*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	5.7*	18.1*
87	8.1*	2.0*	3.6*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	1.2*	.1*	15.0*
88	TRACE*	9.5*	5.3*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	4.1*	TRACE*	18.9*
89	TRACE*	TRACE*	TRACE*	.6*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	TRACE*	.6*
90	.8*	2.0*	2.9*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	1.6*	8.6*	15.9*
91	TRACE*	9.8*											9.8*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 105360

STATION NAME:FULDA AAF DL
LST TO UTC: -01

PERIOD OF RECORD: 6009-6103,6505-6601,6605-9102
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LEAST	.2	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.3	15.6
GREATEST	16.3	19.5	11.3	5.5	.2	.0	.0	.0	.0	.2	11.7	17.2	48.2
MEAN	6.4	6.3	2.1	.7	TRACE	.0	.0	.0	.0	.0	4.1	5.7	25.0
MEDIAN	6.1	2.5	1.2	TRACE	.0	.0	.0	.0	.0	.0	2.0	4.7	18.8
SD	5.450	7.369	3.283	.980	.060	.000	.000	.000	.000	.000	4.336	5.019	12.028
TOTAL OBS	645	595	625	594	653	651	652	669	636	666	620	641	7647

THE GREATEST VALUE OF 19.5 OCCURRED ON 02/69

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

B - 3 - 2B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: -01

PERIOD OF RECORD: 6009-6103,6505-6601,6605-9102
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
60									.0*	TRACE*	TRACE*	.8*	.8*
61	1.1*	1.2*	.0*										1.2*
65					.0	.0	.0	.0	.0	.0	2.9	1.1*	2.9*
66	.4*				.0	.0	.0	.0	.0	.0	4.8	2.2	4.8*
67	1.9	1.0	.8	TRACE	.0	.0	.0	.0	.0	.0	2.2	3.1	3.1
68	4.0	3.3	.7	TRACE	.0	.0	.0	.0	.0	.0	.6	1.8	4.0
69	.1	3.8	1.8	.9	.0	.0	.0	.0	.0	.0	.9	4.0	4.0
70	3.2	5.5	3.0	.5	.2	.0	.0	.0	.0	.0	TRACE*	2.3*	5.5*
71	2.5*	.7*	1.8*	TRACE*	.0*	.0*	.0*	.0*	.0*	TRACE*	2.1*	.9*	2.5*
72	1.0*	.0*	2.4*	TRACE*	.0*	.0*	.0*	.0*	.0*	TRACE*	7.0*	.0*	7.0*
73	.8*	2.7*	.6*	1.4*	.0*	.0*	.0*	.0*	.0*	.0*	1.0*	1.4*	2.7*
74	TRACE*	2.2*	.6*	.3*	.0*	.0*	.0*	.0*	.0*	TRACE*	.0*	3.2*	3.2*
75	2.5*	TRACE*	2.1*	1.8*	TRACE*	.0*	.0*	.0*	.0*	.2*	3.0*	TRACE*	3.0*
76	2.5*	4.1*	.1*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	1.0*	4.1*
77	1.5*	.1	TRACE	.6	.0	.0	.0	.0	.0	.0	.9	1.3	1.5*
78	1.0	2.2	.8	TRACE	.0	.0	.0	.0	.0*	.0	TRACE	.2	2.2*
79	4.0	1.0	1.6	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	3.0	4.0
80	.5	TRACE	.2	TRACE	.0	.0	.0	.0	.0	.0	3.0	2.0	3.0
81	2.3	1.0	1.0	TRACE	.0	.0	.0	.0*	.0*	.0*	.5*	4.0*	4.0*
82	3.0*	.2*	TRACE*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	2.0*	3.0*
83	2.5*	6.0	3.0*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	1.5*	1.5	6.0*
84	3.4*	1.7	1.1	1.8	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	TRACE*	3.4*
85	5.1*	4.9*	1.4*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	2.0*	5.4*	5.4*
86	1.1*	2.9*	1.0*	.1*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	3.0*	3.0*
87	1.7*	1.1*	2.4*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	1.2*	.1*	2.4*
88	TRACE*	2.3*	4.5*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	2.6*	TRACE*	4.5*
89	TRACE*	TRACE*	TRACE*	.6*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	TRACE*	.6*
90	.8*	2.0*	2.9*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	1.0*	2.4*	2.9*
91	TRACE*	3.5*											3.5*

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 6009-6103,6505-6601,6605-9102
MONTH: ALL HOURS: ALL

THE GREATEST VALUE OF 7.0 OCCURRED ON 11/17/72

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: -01

PERIOD OF RECORD: 6009-6103,6211-6303,6311-9102
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	44.2	53.2	81.6	98.3	100.0	100.0	100.0	100.0	100.0	99.7	84.9	65.3	85.0
TRACE	15.1	15.7	11.4	1.6						.3	8.1	11.5	5.5
1	9.0	10.0	2.3								3.5	8.1	2.8
2	7.3	7.6	1.7	.1							1.4	5.1	2.0
3	7.2	2.9	1.1								1.5	4.1	1.5
4-6	10.2	6.2	1.1								.6	4.9	2.0
7-12	6.3	.8	.9									.9	.8
13-24	.7	3.6											.4
25-36													
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	40.7	31.1	7.0	.1							7.0	23.2	9.5
TOTAL NO. OF OBSERVATIONS	764	713	754	688	687	685	685	700	666	701	714	738	8495

B - 4 - 1

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 105360

STATION NAME:FULDA AAF DL
LST TO UTC: -01

PERIOD OF RECORD: 6009-6103,6211-6303,6311-9102
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
60									0*	TRACE*	TRACE*	5*	5*
61	2*	1*	0*										2*
62											4	10	10*
63	18	18	12								0	1	18*
64	2	3	1	0	0	0	0	0	0	0	0	4	4
65	3	3	5	0	0	0	0	0	0	0	2	2*	5*
66	2*	1	1	0	0	0	0	0	0	0	2	1	2*
67	3	0	0	0	0	0	0	0	0	0	1	3	3
68	5	3	0	0	0	0	0	0	0	0	TRACE	3	5
69	3	12	TRACE	0	0	0	0	0	0	0	1	9	12
70	10	5	3	0	0	0	0	0	0	0	0*	4*	10*
71	8*	TRACE*	2*	0*	0*	0*	0*	0*	0*	0*	2*	TRACE*	8*
72	1*	TRACE*	TRACE*	0*	0*	0*	0*	0*	0*	0*	2*	0*	2*
73	TRACE*	4*	2*	0*	0*	0*	0*	0*	0*	0*	3*	4*	4*
74	TRACE*	1*	TRACE*	0*	0*	0*	0*	0*	0*	0*	0*	3*	3*
75	1*	0*	1*	0*	0*	0*	0*	0*	0*	0*	3*	0*	3*
76	1*	4*	0*	0*	0*	0*	0*	0*	0*	0*	TRACE*	3*	4*
77	4*	TRACE	TRACE	TRACE	0	0	0	0	0	0	1	TRACE	4*
78	1	2	TRACE	0	0	0	0	0	0*	0	TRACE	1	2*
79	7	3	TRACE	0	0	0	0	0	0	0	TRACE	3	7
80	4	TRACE	TRACE	TRACE	0	0	0	0	0	0	4	4	4
81	6	2	1	TRACE	0	0	0	0*	0*	0*	TRACE*	6*	6*
82	7*	TRACE*	0*	0*	0*	0*	0*	0*	0*	0*	0*	1*	7*
83	2*	4	1*	0*	0*	0*	0*	0*	0*	0*	TRACE	1	4*
84	5*	1	0	2	0*	0*	0*	0*	0*	0*	0*	TRACE*	5*
85	9*	5*	2*	0*	0*	0*	0*	0*	0*	0*	3*	1*	9*
86	2*	5*	3*	TRACE*	0*	0*	0*	0*	0*	0*	0*	4*	5*
87	5*	5*	2*	0*	0*	0*	0*	0*	0	0*	0*	TRACE*	5*
88	0*	2*	3*	0*	0*	0*	0*	0*	0*	0*	4*	0*	4*
89	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	TRACE*	TRACE*
90	1*	2*	3*	0*	0*	0*	0*	0*	0*	0*	TRACE*	4*	4*

B - 4 - 2A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: -01

PERIOD OF RECORD: 6009-6103,6211-6303,6311-9102
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
91	TRACE*	6*											6*

GREATEST	18*	18*	12*	2*	0*	0*	0*	0*	0*	TRACE*	4*	10*	18*
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TOTAL OBS	764	713	754	688	687	685	685	700	666	701	714	738	8495
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THE GREATEST VALUE OF 18 OCCURRED ON 01/30/63

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

B - 4 - 2B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

STATION NUMBER: 105360

STATION NAME:FULDA AAF DL

PERIOD OF RECORD: 6009-6103,6211-6303,6311-9102
SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
60 - 61	OCT 12	DEC 14	DEC 12	FEB 08	FEB 02	FEB 06
62 - 63			NOV 23			MAR 09
63 - 64			DEC 14			MAR 29
64 - 65			DEC 03			MAR 09
65 - 66	NOV 12	NOV 12	NOV 14	JAN 04	JAN 04	MAR 29
66 - 67	NOV 02	NOV 04	NOV 05	APR 24	MAR 16	JAN 11
67 - 68	NOV 18	NOV 27	NOV 27	APR 03	MAR 19	FEB 27
68 - 69	NOV 15	NOV 17	DEC 27	APR 20	APR 19	FEB 25
69 - 70	NOV 06	NOV 25	NOV 26	MAY 01	MAY 01	MAR 09
70 - 71	NOV 17	DEC 17	DEC 22	APR 28	MAR 12	MAR 02
71 - 72	OCT 14	NOV 19	NOV 19	APR 28	MAR 13	JAN 31
72 - 73	OCT 20	NOV 15	NOV 17	APR 23	APR 19	MAR 02
73 - 74	NOV 15	NOV 26	NOV 26	APR 25	APR 25	FEB 07
74 - 75	OCT 29	DEC 12	DEC 13	MAY 05	APR 09	MAR 27
75 - 76	OCT 14	OCT 14	NOV 12	APR 28	MAR 15	FEB 18
76 - 77	NOV 22	DEC 13	DEC 13	APR 17	APR 09	JAN 22
77 - 78	NOV 14	NOV 26	NOV 26	APR 16	MAR 19	FEB 22
78 - 79	NOV 27	DEC 01	DEC 01	MAY 01	MAR 11	FEB 26
79 - 80	NOV 14	DEC 24	DEC 30	APR 23	MAR 04	JAN 29
80 - 81	NOV 03	NOV 07	NOV 07	APR 23	MAR 01	MAR 01
81 - 82	NOV 08	NOV 11	DEC 01	APR 30	FEB 23	JAN 28
82 - 83	NOV 15	DEC 13	DEC 13	APR 07	MAR 28	MAR 28
83 - 84	NOV 15	NOV 17	DEC 06	APR 06	APR 04	APR 03
84 - 85	NOV 19	JAN 02	JAN 02	APR 29	MAR 19	MAR 20
85 - 86	NOV 06	NOV 19	NOV 19	APR 14	APR 11	MAR 05

B - 5 - 1A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL

PERIOD OF RECORD: 6000-6103,6211-6303,6311-9102
SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
86 - 87	DEC 15	DEC 22	DEC 22	APR 13	MAR 23	MAR 20
87 - 88	NOV 25	NOV 25	FEB 08	MAR 18	MAR 15	MAR 14
88 - 89	NOV 03	NOV 21	NOV 21	APR 27	APR 05	NOV 23
89 - 90	NOV 27	JAN 05	JAN 05	APR 04	MAR 02	MAR 02
90 - 91	NOV 05	NOV 05	DEC 11	FEB 18	FEB 18	FEB 22

MEDIAN-DATE	NOV 14	NOV 25	DEC 02	APR 23	MAR 19	MAR 01
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PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	CCCCC
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	CCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPP	AA AA	RRRRRRRR	TT	CC
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	CC
PP	AAAAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCC
PP	AA AA	RR RR	TT	CCCCC

C - 1 - 1

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS) THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET. IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED: WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: -01

PERIOD OF RECORD: 6605-9102
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
66					NNW 35	W 38	W 39	SSW 26	SW 36	SW 29	SW 30	W 40	W *40
67	SW 34	SSW 50	W 40	W 44	WSW 42	WNW 27	W 28	SW 60	W 32	SW 52	SSW 28	SW 36	SW 60
68	SW 36	SW 25	W 44	SW 39	SW 35	ENE 35	27/ 36	22/ 31	25/ 28	21/ 29	21/*23	29/*29	W *44
69	23/ 28	22/*30	23/ 28	31/ 28	26/ 31	25/ 24	24/ 34	31/ 29	25/ 22	27/ 22	25/ 39	14/ 14	25/*39
70	21/ 32	24/ 32	29/ 30	23/ 31	13/ 25	06/ 26	29/*42	33/ 28	22/ 29	30/ 44	24/*37	33/*40	30/*44
71	21/*40	01/*28	26/*31	27/*31	27/*38	30/*31	22/*31	28/*41	32/*20	30/*38	24/*36	33/*34	28/*41
72	03/*26	19/*23	31/*62	26/*30	23/*32	30/*30	09/*30	32/*25	31/*19	01/*25	26/*49	*	31/*62
73	24/*16	23/*32	05/*26	26/*44	28/*32	06/*29	24/*21	21/*22	24/*32	27/*30	23/*34	30/*40	26/*44
74	29/*38	24/*28	25/*31	02/*35	26/*31	30/*30	27/*36	25/*27	24/*30	24/*27	24/*29	26/*40	26/*40
75	24/*29	03/*21	24/*32	24/*33	10/*35	35/*30	25/*22	23/*21	19/*25	26/*28	32/ 28	05/*24	10/*35
76	28/*47	19/*26	24/*29	04/*29	27/*31	35/*24	01/*22	04/*27	22/*26	22/*21	28/*49	23/*38	28/*49
77	21/*27	29/ 33	28/ 34	24/ 39	22/ 29	22/ 32	29/ 31	25/ 18	29/ 26	30/ 34	30/ 45	29/ 32	30/*45
78	24/ 38	06/ 20	21/ 42	23/ 25	35/ 23	22/ 25	23/ 24	27/ 24	36/*48	32/ 23	23/ 30	22/ 35	36/*48
79	23/ 31	02/ 24	27/ 32	23/ 27	24/ 35	15/ 26	32/ 27	30/ 23	27/ 24	23/ 22	25/ 33	27/ 50	27/ 50
80	21/ 36	28/ 29	24/ 42	27/ 39	11/ 27	22/ 36	19/ 30	30/ 32	27/ 31	33/ 44	24/ 42	23/ 34	33/ 44
81	32/ 42	25/ 36	27/ 46	06/ 27	16/ 30	23/ 32	20/ 29	24/*26	25/*29	27/*32	30/*40	28/*35	27/*46
82	28/*47	29/*23	24/*43	29/*35	24/*34	28/*31	18/*26	27/*32	25/*28	24/*34	27/*34	24/*40	28/*47
83	23/*45	23/*52	22/*41	20/*46	24/*36	09/*34	27/*32	26/*37	25/*32	24/*23	24/*40	22/ 26	23/*52
84	28/*40	*	25/*34	06/*26	22/*22	28/*26	27/*38	02/*20	22/*27	22/*40	18/*17	27/*28	28/*40
85	28/*38	25/*29	23/*28	24/*32	26/*32	29/*42	34/*51	21/*32	*	*	22/*38	27/*44	34/*51
86	27/*35	05/*24	27/*45	22/*27	30/*22	23/*22	27/*25	23/*28	24/*26	27/*48	22/*26	32/*57	32/*57
87	26/*31	28/*27	27/*38	29/*32	23/*33	22/*37	24/*26	32/*28	25/*28	21/*43	24/*40	20/*23	21/*43
88	24/*34	24/*38	28/*30	35/*23	24/*35	34/*22	28/*37	25/*30	26/*49	22/*36	23/*35	31/*37	26/*49
89	28/*30	32/*30	31/*43	27/*26	27/*32	24/*38	29/*30	30/*30	22/*26	25/*29	28/*20	23/*38	31/*43
90	23/*54	23/*72	25/*57	24/*30	26/*30	24/*29	32/*42	25/*42	30/*40	22/*28	28/*36	22/*36	23/*72
91	27/*49	20/*33											27/*49

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 6605-9102
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GREATEST	23/ 54	23/ 72	31/ 62	20/ 46	WSW 42	29/ 42	34/ 51	SW 60	26/ 49	SW 52	26/ 49	32/ 57	23/ 72
TOTAL OBS	569	540	606	588	594	610	600	612	566	592	549	562	6988

THE PEAK WIND OF 72 FROM 23/ OCCURRED ON 02/03/90

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH
\$THE VALUE IS 100 OR GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: -01

PERIOD OF RECORD: 6605-9102
MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS											MEAN WIND	MEDIAN WIND	TOTAL OBS
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
JAN	3.5	18.6	23.9	22.8	12.3	9.7	3.9	3.3	1.8	.2	.0	16.6	15.0	569
FEB	2.4	19.8	30.4	21.1	14.3	5.4	3.7	1.3	.7	.7	.2	15.7	14.0	540
MAR	.7	9.7	24.9	22.8	19.0	11.6	5.8	3.0	2.3	.3	.0	19.0	18.0	606
APR	.0	6.6	25.9	29.9	20.9	11.4	3.2	1.2	.9	.0	.0	18.2	17.0	588
MAY	.2	6.7	27.4	33.0	19.4	8.4	3.4	1.2	.3	.0	.0	17.6	17.0	594
JUN	.0	7.2	32.0	33.4	17.2	6.7	2.5	.8	.2	.0	.0	16.7	16.0	610
JUL	.2	6.0	35.5	33.7	15.7	5.2	2.2	.8	.7	.2	.0	16.5	15.5	600
AUG	.2	8.8	35.5	32.4	14.9	5.6	1.8	.5	.3	.2	.0	16.1	15.0	612
SEP	.5	14.0	36.7	25.6	13.4	6.5	2.3	.4	.5	.0	.0	15.6	14.0	566
OCT	1.2	18.4	32.1	23.3	14.7	5.7	2.9	.7	.8	.2	.0	15.5	14.0	592
NOV	2.4	16.9	27.0	19.3	14.8	11.1	5.1	2.0	1.5	.0	.0	17.0	16.0	549
DEC	3.7	17.1	26.0	16.9	17.1	8.4	6.8	2.7	1.1	.4	.0	17.1	15.0	562
ANNUAL	1.2	12.3	29.8	26.4	16.2	8.0	3.6	1.5	.9	.2	.0	16.8	16.0	6988

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JAN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 150-010	1.0	1.5	.8									4.2	6.1	6.0
020-040	1.3	1.1	.3									2.8	5.8	6.0
050-070		.3										.3	6.0	6.0
(E) 080-100	.8	.3										1.1	3.4	3.0
110-130	3.1	.2										3.2	2.5	2.0
140-160	3.2	.2	.2									3.6	2.7	2.0
(S) 170-190	8.3	8.0	1.9									18.2	5.3	5.0
200-220	3.7	7.6	4.9	1.1	.3							17.7	8.1	7.0
230-250	1.0	4.2	3.6	1.6	.5	.2						11.0	10.3	10.0
(W) 260-280	.5	.8	2.8	1.0	.2		.2					5.4	11.5	12.0
290-310	1.8	1.0	.6	.2								3.6	6.1	4.5
320-340	3.1	1.3										4.4	3.8	4.0
VARIABLE		.2	1.6	1.3	.3							3.4	14.5	14.0
CALM	////////////////////////////////////											21.1	////////////////////////////////	
TOTALS	28.7	26.7	16.7	5.2	1.3	.2	.2					100.0	5.7	6.0
TOTAL NUMBER OF OBSERVATIONS 616														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JAN HOURS: 09-11

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		2.0	1.5	.6		.2							4.2	6.2	5.0
020-040		.9	1.2	.5									2.6	5.7	6.0
050-070		.3	.2	.3									.8	7.6	9.0
(E) 080-100		.6	.2	.2									.9	4.7	2.5
110-130		1.7	.6										2.3	3.3	3.0
140-160		3.6	.5										4.1	3.1	3.0
(S) 170-190		5.8	8.2	2.9	.2	.2							17.1	6.5	6.0
200-220		3.8	9.4	5.0	1.4	.6	.2						20.3	8.6	8.0
230-250		.6	4.6	5.2	2.3	.5	.2						13.2	11.1	11.0
(W) 260-280		.5	.9	1.8	1.1	.2							4.4	11.4	12.0
290-310		1.4	.2	.9									2.4	6.3	4.0
320-340		2.4	2.7	.3									5.5	5.2	5.5
VARIABLE			1.2	1.5	.5	.5							3.6	12.3	12.0
CALM		////////////////////////////////////											18.5	////////	
TOTALS		23.6	31.4	19.2	5.5	2.2	.4						100.0	6.4	8.0
TOTAL NUMBER OF OBSERVATIONS 659															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULLN AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JAN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				
(N) 350-010	.6	1.8		.3	.2							2.9	8.1	7.0
020-040	.9	2.0	.8	.2								3.8	7.0	6.0
050-070		.5	.3	.2								.9	9.5	9.0
(E) 080-100	.3	1.1	.3									1.7	6.3	6.0
110-130	.8	.2	.2									1.1	3.4	2.0
140-160	.8	1.2	.3									2.3	6.5	8.0
(S) 170-190	3.2	8.4	2.8	.3								14.7	6.8	6.0
200-220	3.5	10.7	8.1	1.2	1.1	.3						24.9	9.1	8.0
230-250	.9	5.5	5.7	1.4	1.2	.2						14.8	10.8	10.0
(W) 260-280	.5	2.0	3.1	1.2								6.7	10.8	11.0
290-310	1.2	2.1	.9	.2								4.4	7.0	7.0
320-340	1.5	1.7	.6		.2							4.0	6.3	6.0
VARIABLE		.8	2.0	.3	.2							3.2	11.7	11.0
CALM	////////////////////////////////////											14.5	////////////////////////////////	
TOTALS	14.2	38.0	25.1	5.3	2.9	.5						100.0	7.4	8.0
TOTAL NUMBER OF OBSERVATIONS 654														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JAN HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.4	2.2	.5									4.1	5.7	5.0
020-040	1.1	2.2	.5									3.8	6.2	6.0
050-070	.3	.6	.3									1.3	6.5	6.0
(E) 080-100	.6	.5		.2								1.3	7.0	5.5
110-130	.3	.8	.2									1.3	6.6	7.0
140-160	1.8	1.3	.6									3.7	5.3	5.0
(S) 170-190	6.1	7.8	1.3									15.1	5.6	5.0
200-220	5.4	13.1	5.9	2.5	.6	.2						27.7	8.4	8.0
230-250	3.2	3.3	4.1	1.3								11.9	8.5	8.0
(W) 260-280	.5	3.5	2.7	.5	.3							7.5	9.9	9.0
290-310	1.3	1.4	.5	.2	.2							3.5	7.2	7.0
320-340	1.3	3.5		.3	.2							5.3	6.9	7.0
VARIABLE		.5	.5	.5	.3							1.8	13.3	14.0
CALM	////////////////////////////////////											11.8	////////	
TOTALS	23.3	40.7	17.1	5.5	1.6	.2						100.0	6.7	7.0
TOTAL NUMBER OF OBSERVATIONS 628														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JAN HOURS: 18-20

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.4	2.0	.2									4.5	5.0	4.0
020-040	.6	2.8	.2	.4								4.0	7.8	7.0
050-070	.4	.6										1.0	5.6	6.0
(E) 080-100	.6											.6	2.7	2.0
110-130	.4	.4										.8	4.8	4.0
140-160	3.2	.6	.6									4.3	4.1	3.0
(S) 170-190	8.1	6.3	1.4	.2								16.0	5.1	4.0
200-220	6.3	7.7	7.1	1.0		.2	.2					22.5	7.9	7.0
230-250	.8	4.0	5.1	.4	.2							10.5	9.7	10.0
(W) 260-280	1.0	2.0	2.2	.6		.2						5.9	9.6	9.5
290-310	1.0	.8	.6									2.4	5.8	5.0
320-340	2.6	1.6	.6									4.7	4.7	3.0
VARIABLE		.4	.6	.6	.2							1.8	14.6	14.0
CALM	////////////////////////////////////											20.9	////////	
TOTALS	27.4	29.2	18.6	3.2	.4	.4	.2					100.0	5.6	6.0
TOTAL NUMBER OF OBSERVATIONS 506														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JAN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	1.7	.9									4.3	6.4	7.0
020-040			1.7									1.7	10.0	10.0
050-070														
(E) 080-100														
110-130		.9										.9	5.0	5.0
140-160	2.6											2.6	2.3	2.0
(S) 170-190	9.4	11.1	1.7	.9								23.1	5.8	5.0
200-220	6.8	6.0	5.1	.9								18.8	7.5	7.5
230-250		4.3	6.0	.9	.9							12.0	11.1	11.0
(W) 260-280			.9	.9	.9							2.6	16.7	18.0
290-310	.9	2.6	.9									4.3	7.6	7.0
320-340	2.6		.9									3.4	4.3	3.0
VARIABLE			.9									.9	12.0	12.0
CALM	////////////////////////////////////											25.6	////////	
TOTALS	24.0	26.6	19.0	3.6	1.8							100.0	5.6	7.0
TOTAL NUMBER OF OBSERVATIONS 117														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JAN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	1.8	.4	.1	.1							4.0	6.2	5.0
020-040	.9	1.8	.5	.1								3.3	6.6	6.0
050-070	.2	.4	.2	.0								.8	7.2	6.0
(E) 080-100	.6	.4	.1	.0								1.1	5.3	4.0
110-130	1.2	.4	.1									1.7	3.6	2.0
140-160	2.5	.7	.3									3.5	4.1	3.0
(S) 170-190	6.3	7.9	2.1	.2	.0							16.5	5.9	5.5
200-220	4.6	9.7	6.1	1.4	.5	.2	.0					22.5	8.5	8.0
230-250	1.3	4.3	4.8	1.4	.5	.1						12.4	10.2	10.0
(W) 260-280	.5	1.8	2.5	.9	.2	.0	.0					5.8	10.7	10.0
290-310	1.3	1.2	.7	.1	.0							3.3	6.7	5.0
320-340	2.2	2.1	.3	.1	.1							4.7	5.4	5.0
VARIABLE		.6	1.3	.6	.3							2.7	13.0	13.0
CALM	////////////////////											17.5	////////////////	
TOTALS	23.2	33.1	19.4	4.9	1.7	.3						100.0	6.4	7.0

TOTAL NUMBER OF OBSERVATIONS 3180

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	3.0	1.0									6.0	6.6	8.0
020-040	.8	2.0	.4	.2								3.4	6.9	6.0
050-070	.3											.3	3.7	1.0
(E) 080-100	.1											.1	1.0	1.0
110-130	1.1	.1										1.2	2.3	2.0
140-160	2.0	.1	.3									2.4	3.6	2.5
(S) 170-190	10.6	10.8	1.6	.4								23.4	5.2	5.0
200-220	5.9	10.1	7.5	1.8	.9	.2	.1					26.5	8.7	8.0
230-250	1.0	2.1	2.1	1.1	.1							6.5	9.5	10.0
(W) 260-280	.1	.2	.9				.1					1.3	11.3	10.5
290-310	1.3	.9	.3									2.6	5.3	4.0
320-340	2.4	.9										3.3	3.6	3.0
VARIABLE														
CALM	////////////////////////////////////											22.9	////////	
TOTALS	27.6	30.2	14.1	3.5	1.0	.2	.2					100.0	5.3	6.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: FEB HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.5	3.5	.3									9.3	4.4	3.0
020-040	2.2	5.8	.7									8.6	6.1	6.0
050-070	.8		.2									1.0	4.0	3.0
(E) 080-100	.5	.5										1.0	4.2	4.5
110-130	1.0	.2										1.2	3.6	4.0
140-160	2.2	.7										2.8	3.4	4.0
(S) 170-190	2.2	2.3	.5	.7								5.6	6.9	5.0
200-220	3.1	5.3	3.6	.5	.2							12.7	7.8	7.0
230-250	.7	2.0	1.0	1.5	.2							5.3	10.6	9.5
(W) 260-280	.2	.7	1.3	.2	.3	.2						2.8	12.1	11.0
290-310	2.2	1.0	.5									3.6	4.9	4.0
320-340	5.1	1.3	.8	.2								7.5	4.4	3.0
VARIABLE			.8		1.2							2.0	16.8	20.0
CALM	////////////////////////////////////											36.6	////////	
TOTALS	25.7	23.3	9.7	3.1	1.9	.2						100.0	4.3	6.0
TOTAL NUMBER OF OBSERVATIONS 604														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: FEB HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	4.1	3.5	1.1									8.7	5.5	5.0
020-040	2.7	6.0	1.1									9.9	6.2	6.0
050-070	1.3	1.3	.2									2.7	5.3	5.0
(E) 080-100	.8	.2										1.0	3.2	3.0
110-130	1.7	.6	.3									2.7	4.2	3.0
140-160	1.9	.8										2.7	4.0	3.0
(S) 170-190	2.1	3.5	1.4	.2								7.2	6.8	7.0
200-220	1.4	4.5	3.5	1.1		.2						10.7	9.3	9.0
230-250	.8	1.7	3.5	1.4	.5							7.9	11.3	12.0
(W) 260-280	1.0	.5	1.0	.5	.6	.3						3.8	12.4	12.0
290-310	2.1	1.3	.5		.2		.2					4.1	6.7	4.5
320-340	5.4	1.4	.3									7.2	3.4	2.0
VARIABLE		.2	.6	.3	.5	.8						2.4	19.5	22.0
CALM	////////////////////////////////////											29.1	////////////////////////////////	
TOTALS	25.3	25.5	13.5	3.5	1.8	1.3	.2					100.0	5.3	6.0
TOTAL NUMBER OF OBSERVATIONS 629														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: FEB HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64			
(N) 350-010	2.8	2.9	1.0								6.7	5.7	6.0
020-040	2.4	8.8	2.1								13.4	7.1	7.0
050-070	2.0	1.0	.2								3.1	4.8	4.0
(E) 080-100	.7	.8	.2								1.6	5.1	5.5
110-130	1.8	1.6	.2								3.6	4.7	4.5
140-160	1.5	1.0	.2								2.6	4.3	4.0
(S) 170-190	3.6	3.1	1.1	.5							8.3	6.5	5.0
200-220	1.1	6.0	3.6	1.6	.5		.2				13.0	9.7	8.0
230-250	.7	1.6	4.1	.8		.2	.3				7.7	11.9	12.0
(W) 260-280	.2	.7	2.4	.8	1.0	.3	.2				5.5	14.6	14.0
290-310	2.4	2.1	1.3	.3	.3		.2				6.7	7.8	7.0
320-340	4.7	1.1	.5	.2							6.5	4.3	3.0
VARIABLE		.3	1.0	.5		.2	.2	.2			2.3	15.9	13.0
CALM	////////////////////////////////////										19.1	////////////////////////////////	
TOTALS	23.9	31.0	17.9	4.7	1.8	.7	1.1	.2			100.0	6.5	7.0
TOTAL NUMBER OF OBSERVATIONS 614													

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: FEB HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	2.2	1.4									6.4	6.3	6.0
020-040	2.8	10.0	3.4									16.2	7.1	7.0
050-070	1.0	2.1	.9									4.0	6.8	7.0
(E) 080-100	.9	1.0										1.9	5.1	5.0
110-130	1.7	1.7										3.4	4.5	4.5
140-160	1.5	1.0	.2									2.8	4.9	4.0
(S) 170-190	4.3	3.8	.9	.3	.2							9.5	5.5	5.0
200-220	4.0	6.7	5.3	1.0								17.0	8.0	8.0
230-250	.5	3.1	2.8	1.4	.5							8.3	11.1	10.0
(W) 260-280	1.5	1.2	2.1	.9	.3	.2						6.2	10.0	10.0
290-310	1.5	.7	1.5	1.2	.5							5.5	10.5	10.0
320-340	2.4	2.1	.7									5.2	5.7	5.0
VARIABLE		.5	1.2	.7	.5	.2						3.1	14.3	13.0
CALM	////////////////////////////////////											10.7	////////	
TOTALS	24.9	36.1	20.4	5.5	2.0	.4						100.0	6.9	7.0

TOTAL NUMBER OF OBSERVATIONS 581

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.6	2.8	.9									7.2	5.0	4.5
020-040	5.1	8.3	1.7									15.1	6.3	6.0
050-070	.2	1.9	1.1									3.2	7.9	8.0
(E) 080-100		.4										.4	6.5	6.5
110-130	.9											.9	2.8	3.0
140-160	2.6	1.7		.2								4.5	4.8	4.0
(S) 170-190	4.3	3.2	.4									7.9	4.5	4.0
200-220	5.1	5.1	4.0	1.1	.4	.2						16.0	7.9	7.0
230-250	.9	2.3	1.9	.6	.2							6.0	9.7	9.0
(W) 260-280	.2	1.9	.9	.9								3.8	10.6	9.0
290-310	2.6	1.5	1.9	.2								6.2	6.8	6.0
320-340	2.3	.9	.6	.6								4.5	6.3	3.0
VARIABLE		.2	.4	.4								1.1	13.6	14.0
CALM	////////////////////////////////////											23.4	////////	
TOTALS	27.9	30.2	13.8	4.0	.6	.2						100.0	5.3	6.0
TOTAL NUMBER OF OBSERVATIONS 470														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: FEB HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	2.3	.8									7.0	4.6	3.0
020-040	5.4	4.7	.8									10.9	5.4	4.5
050-070		.8										.8	6.0	6.0
(E) 080-100		1.6										1.6	5.5	5.5
110-130	.8	.8										1.6	4.5	4.5
140-160	1.6											1.6	3.0	3.0
(S) 170-190	1.6	2.3	.8									4.7	7.0	8.0
200-220	4.7	2.3	3.9	.8								11.6	7.4	6.0
230-250	.8	1.6	3.1									5.4	9.1	10.0
(W) 260-280		.8	2.3		.8							3.9	12.8	12.0
290-310	1.6	1.6	1.6									4.7	7.3	7.5
320-340	4.7		1.6									6.2	4.5	2.5
VARIABLE														
CALM	////////////////////////////////////											40.3	////////////////////////////////	
TOTALS	25.1	18.8	14.9	.8	.8							100.0	3.9	6.0
TOTAL NUMBER OF OBSERVATIONS 129														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: FEB HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	3.0	.9									7.7	5.3	5.0
020-040	3.0	7.6	1.8									12.4	6.6	6.0
050-070	1.1	1.2	.4									2.7	6.0	6.0
(E) 080-100	.6	.6	.0									1.2	4.7	5.0
110-130	1.4	.9	.1									2.4	4.3	4.0
140-160	1.9	1.0	.1	.0								2.9	4.3	4.0
(S) 170-190	3.1	3.1	.9	.3	.0							7.5	6.0	5.0
200-220	2.9	5.4	4.0	1.1	.2	.1	.0					13.6	8.5	8.0
230-250	.7	2.1	2.7	1.1	.3	.0	.1					7.0	11.0	11.0
(W) 260-280	.6	.9	1.6	.6	.5	.2	.0					4.4	12.1	12.0
290-310	2.1	1.3	1.1	.3	.2		.1					5.2	7.5	6.0
320-340	4.1	1.3	.6	.2								6.2	4.6	3.0
VARIABLE		.2	.8	.4	.4	.2	.0	.0				2.1	16.3	15.0
CALM	////////////////////											24.6	////////	
TOTALS	25.3	28.6	15.0	4.0	1.6	.5	.2					100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 3027

OPERATING LOCATION "A"
USAFFLAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.2	4.9	.6									12.7	4.4	4.0
020-040	4.9	10.7	1.8									17.3	6.3	6.0
050-070	1.3	.6										1.9	4.2	3.5
(E) 080-100	2	.2										.5	4.3	4.5
110-130	1.2	.1	.1									1.4	3.4	2.5
140-160	1.9	.5										2.4	3.3	3.5
(S) 170-190	3.2	4.2	.5	.2								8.1	5.6	5.0
200-220	3.2	5.3	3.0	.7	.1							12.3	7.6	7.0
230-250	.9	1.4	1.9	.4	.2							4.9	9.4	10.0
(W) 260-280	.4	.4	.1	.1								.9	7.4	8.5
290-310	2.1	.1	.1									2.4	3.1	3.0
320-340	6.4	1.2	.9									8.5	3.9	2.0
VARIABLE														
CALM	////////////////////////////////////											26.7	////////////////////////////////	
TOTALS	32.9	29.6	9.0	1.4	.3							100.0	4.2	5.0

TOTAL NUMBER OF OBSERVATIONS 843

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAR HOURS: 06-08

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.2	1.8	.9									4.8	5.7	5.0
020-040	1.5	1.9	.4									3.8	5.0	5.0
050-070	.3	.3	.3									.9	6.5	6.5
(E) 080-100														
110-130	1.8											1.8	2.3	2.0
140-160	2.8	.3										3.1	2.1	2.0
(S) 170-190	3.5	3.2	.7	.3								7.7	5.5	5.0
200-220	3.9	8.8	4.4	.4								17.5	7.3	7.0
230-250	1.3	4.4	3.2	1.0								9.9	9.0	8.0
(W) 260-280	1.9	1.0	2.0	.7		.1						5.8	9.3	9.5
290-310	2.5	.7	.6									3.8	4.6	4.0
320-340	3.7	1.6		.1								5.4	4.4	4.0
VARIABLE		.4	.1	.3	.1							1.0	12.6	10.0
CALM	////////////////////////////////////											34.4	////////////////////////////////	
TOTALS	25.4	24.4	12.6	2.8		.1						100.0	4.3	6.0
TOTAL NUMBER OF OBSERVATIONS 684														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	1.1	.4									4.3	4.5	4.0
020-040	.6	3.5	.8									4.9	7.0	7.0
050-070	.7	.4	.6									1.7	7.0	7.5
(E) 080-100	.4	.3										.7	3.8	2.0
110-130	.7											.7	2.0	2.0
140-160	2.1	.1	.1									2.4	3.3	2.0
(S) 170-190	3.9	5.2	2.0	.1								11.2	6.3	6.0
200-220	2.0	8.6	6.3	1.8	.3							18.9	8.9	8.0
230-250	1.0	2.2	5.9	1.3	.3							10.7	10.5	10.0
(W) 260-280	.4	2.5	1.7	.7	.3							5.6	9.8	8.0
290-310	.8	1.4	1.3	.1								3.6	8.0	8.5
320-340	3.6	1.7	1.3	.1								6.7	5.4	4.0
VARIABLE		1.1	2.0	.6	.3							3.9	12.1	11.5
CALM	////////////////////////////////////											24.5	////////	
TOTALS	19.0	18.1	22.4	4.7	1.2							100.0	6.0	8.0
TOTAL NUMBER OF OBSERVATIONS 713														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	2.0	.4	.4								5.0	6.7	6.0
020-040	1.5	3.5	1.7									6.7	7.2	8.0
050-070	1.0	1.2	.9									3.1	6.6	6.0
(E) 080-100	.7	.6										1.3	4.6	4.0
110-130	1.3	.9	.1									2.3	4.6	4.0
140-160	2.0	.7	.3									3.1	4.9	4.0
(S) 170-190	2.2	4.2	1.3									7.7	6.6	7.0
200-220	1.6	9.2	7.1	2.2	1.0							21.1	10.0	9.0
230-250	.6	4.1	7.1	2.6	.7							15.2	11.3	11.0
(W) 260-280	.7	1.7	2.6	.9	1.0							7.0	11.5	11.0
290-310	.9	2.6	2.5	.3				.1				6.4	9.4	9.0
320-340	4.2	1.7	1.0	.1								7.1	5.2	4.0
VARIABLE		1.5	3.5	.9	.1							6.0	11.5	11.0
CALM	////////////////////											8.0	////////	
TOTALS	18.7	33.9	28.5	7.4	2.8			.1				100.0	8.1	9.0
TOTAL NUMBER OF OBSERVATIONS 686														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	2.3	1.3	.2								5.9	6.6	6.5
020-040	1.1	3.6	2.8	.2								7.7	8.2	8.0
050-070	.9	.8	1.1									2.8	7.7	6.0
(E) 080-100	.8	1.1										1.9	5.5	5.5
110-130	1.6	1.3										2.8	4.8	4.0
140-160	.9	1.6										2.5	5.3	6.0
(S) 170-190	2.8	2.8	1.1	.5								7.2	6.3	5.0
200-220	3.1	7.4	5.5	1.7	.3							18.0	8.9	8.0
230-250	1.4	5.9	7.7	1.7								16.7	9.8	10.0
(W) 260-280	1.4	3.4	2.8	1.4								9.1	9.1	9.0
290-310	1.4	1.9	1.7	.3	.2							5.5	8.7	8.0
320-340	2.3	2.7	2.3	.3								7.7	7.5	8.0
VARIABLE		1.3	3.6	1.1	.2							6.1	11.8	11.0
CALM	////////////////////////////////////											6.1	////////	
TOTALS	19.9	36.1	29.9	7.4	.7							100.0	7.9	8.0

TOTAL NUMBER OF OBSERVATIONS 639

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	1.7	1.3									5.2	6.0	5.5
020-040	3.4	3.9	1.1									8.4	5.8	6.0
050-070	.7	2.2	.6									3.6	6.7	7.0
(E) 080-100	.6	.2										.7	4.8	4.0
110-130	.9	.4										1.3	3.0	2.0
140-160	1.1	.4										1.5	3.0	3.0
(S) 170-190	4.9	2.1	.4									7.3	4.4	4.0
200-220	5.4	7.7	3.7	1.5	.6							18.9	7.7	8.0
230-250	3.2	5.2	3.2	1.3	.2							13.1	8.4	8.0
(W) 260-280	2.2	2.4	2.4	.2		.2						7.5	7.9	8.0
290-310	1.7	2.1	1.1									4.9	6.5	6.5
320-340	2.6	3.2	.9	.2								6.9	5.6	5.0
VARIABLE		.4	.6	.2	.2							1.3	12.3	12.0
CALM	////////////////////////////////////											19.3	////////	
TOTALS	28.9	31.9	15.3	3.4	1.0	.2						100.0	5.5	6.0
TOTAL NUMBER OF OBSERVATIONS 534														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	2.1	.7									5.6	4.8	4.5
020-040	2.1	2.1	.7									4.9	5.7	7.0
050-070	.7	2.8	.7									4.2	6.8	6.5
(E) 080-100														
110-130														
140-160	4.2											4.2	2.7	2.5
(S) 170-190	5.6	1.4	.7									7.7	3.7	2.0
200-220	7.0	4.2	4.2	1.4								16.8	7.2	7.5
230-250	.7	2.1	3.5	.7	.7							7.7	10.3	10.0
(W) 260-280	1.4	5.6		.7								7.7	6.5	6.0
290-310	.7	2.1			.7							3.5	9.4	7.0
320-340	4.2	1.4										5.6	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											32.2	////////	
TOTALS	29.4	23.8	10.5	2.8	1.4							100.0	4.3	6.0
TOTAL NUMBER OF OBSERVATIONS 143														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAR HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		2.3	1.8	.8	.1								5.1	5.9	5.0
020-040		1.5	3.2	1.4	.0								6.1	6.8	7.0
050-070		.7	1.0	.7									2.4	6.9	6.5
(E) 080-100		.5	.4										.9	4.8	4.0
110-130		1.2	.5	.0									1.7	3.8	3.0
140-160		1.9	.6	.1									2.6	3.7	3.0
(S) 170-190		3.5	3.5	1.1	.2								8.3	5.8	5.0
200-220		3.3	8.2	5.4	1.5	.4							18.8	8.6	8.0
230-250		1.4	4.2	5.4	1.6	.3							12.8	9.9	10.0
(W) 260-280		1.3	2.4	2.2	.8	.3	.1						7.0	9.4	9.0
290-310		1.4	1.7	1.4	.1	.1			.0				4.8	7.8	8.0
320-340		3.4	2.1	1.1	.2								6.7	5.6	4.0
VARIABLE			.9	1.9	.6	.2							3.6	11.9	11.0
CALM		////////////////////////////////////										19.2	////////////////////////////////		
TOTALS		22.4	30.5	21.5	5.1	1.3	.1						100.0	6.3	8.0

TOTAL NUMBER OF OBSERVATIONS 3399

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.8	1.5	1.1									7.5	4.9	4.0
020-040	3.4	6.6	1.8									11.8	6.0	5.5
050-070	.6	1.4	.4									2.4	6.9	7.0
(E) 080-100	.3	.1										.4	4.0	3.0
110-130	.7											.7	2.2	2.0
140-160	1.8											1.8	1.7	2.0
(S) 170-190	2.8	3.4	.7									6.9	5.2	5.0
200-220	2.7	10.3	3.9	1.5								18.4	8.0	8.0
230-250	.8	2.5	1.5	.3								5.2	8.4	9.0
(W) 260-280	.1	.1	.6	.3	.1							1.3	12.0	11.0
290-310	2.1	.7	.1									3.0	3.7	3.0
320-340	7.7	.8	.1									8.7	2.8	2.0
VARIABLE														
CALM	////////////////////////////////////											31.9	////////	
TOTALS	27.8	27.4	10.2	2.1	.1							100.0	4.1	5.0

TOTAL NUMBER OF OBSERVATIONS 711

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.8	3.6	.6									9.9	4.7	4.0
020-040	1.6	3.9	1.3									6.8	6.6	7.0
050-070	.1	.7	.1									1.0	6.9	7.0
(E) 080-100	.1	.1										.3	4.0	4.0
110-130	2.5	.3										2.8	2.5	2.0
140-160	1.5											1.5	1.9	1.5
(S) 170-190	4.3	.9	.1									5.3	3.3	3.0
200-220	3.6	4.9	1.2									9.6	5.9	6.0
230-250	1.8	3.0	1.0	.1								5.9	6.5	6.0
(W) 260-280	1.2	1.5	.7	.1								3.6	7.2	7.5
290-310	2.5	1.9	.9									5.3	5.3	5.0
320-340	6.2	2.4	.3									8.9	3.8	3.5
VARIABLE		.6			.3							.9	12.5	9.0
CALM	////////////////////////////////////											38.0	////////	
TOTALS	31.2	23.8	6.2	.2	.3							100.0	3.2	4.0
TOTAL NUMBER OF OBSERVATIONS 674														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: APR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	4.5	.7	.1								9.5	5.4	5.0
020-040	2.3	5.9	2.3	.4								11.0	7.1	7.0
050-070	1.2	2.5	1.5	.1								5.3	7.8	8.0
(E) 080-100	.6	.3										.9	4.3	3.5
110-130	1.2	1.3	.3									2.8	5.9	6.0
140-160	1.6	.4	.4									2.5	4.5	3.0
(S) 170-190	2.2	2.8	1.0									6.0	6.2	6.0
200-220	3.5	7.9	3.7	.1								15.2	7.0	7.0
230-250	1.0	2.8	2.3	.4								6.6	8.6	8.0
(W) 260-280	.4	1.5	1.0	.1								3.1	8.3	8.0
290-310	1.5	2.9	.9	.3								5.6	6.9	7.5
320-340	4.1	4.8	.9									9.8	5.3	5.0
VARIABLE		.9	1.5	.4								2.8	10.8	10.0
CALM	////////////////////////////////////											19.0	////////	
TOTALS	23.7	38.5	16.5	1.9								100.0	5.5	7.0

TOTAL NUMBER OF OBSERVATIONS 683

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: APR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	3.8	2.2	.2								8.3	7.0	7.0
020-040	2.2	5.0	3.4	.2								10.8	7.6	8.0
050-070	1.4	3.3	2.0									6.7	7.2	7.0
(E) 080-100	1.3	1.3	.8									3.3	6.3	6.0
110-130	1.4	1.7	.9									4.1	6.3	6.0
140-160	1.3	1.7										3.0	4.7	5.0
(S) 170-190	2.2	3.0	.8									5.9	6.1	6.5
200-220	1.9	5.9	3.1	.3								11.3	7.5	7.0
230-250	1.4	3.3	4.1	.6	.2							9.5	9.2	10.0
(W) 260-280	1.7	1.9	1.6	.5	.2							5.8	8.1	8.0
290-310	2.3	3.0	3.1	.3	.2							8.9	8.0	8.0
320-340	3.3	4.2	1.7	.6								9.9	6.8	6.0
VARIABLE		2.7	2.5	.8								5.9	10.3	10.0
CALM	////////////////////////////////////											6.6	////////	
TOTALS	22.6	40.8	26.2	3.5	.6							100.0	7.1	7.0
TOTAL NUMBER OF OBSERVATIONS 639														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: APR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	4.2	2.5	.3								8.1	8.2	8.0
020-040	2.5	6.9	4.1									13.5	7.3	7.0
050-070	1.4	3.6	2.5	.2								7.6	7.8	8.0
(E) 080-100	1.4	.7	.7									2.7	6.3	5.5
110-130	1.7	.8	.2									2.7	4.1	4.0
140-160	2.0	1.9	.2									4.1	5.0	4.5
(S) 170-190	1.4	4.2	.5									6.1	6.2	6.0
200-220	2.5	4.4	1.5									8.5	6.6	7.0
230-250	1.2	3.6	2.9	.5								8.1	8.4	8.0
(W) 260-280	1.7	2.4	1.7	.5								6.2	7.6	8.0
290-310	2.0	5.2	3.0	1.4								11.7	8.2	8.0
320-340	2.2	4.7	1.9	.7								9.5	7.4	7.0
VARIABLE		1.5	2.4	.5								4.4	11.2	10.5
CALM	////////////////////////////////////											6.8	////////	
TOTALS	21.0	44.1	24.1	4.1								100.0	7.0	7.0
TOTAL NUMBER OF OBSERVATIONS 591														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105160

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAP 81 - FEB 91
MONTH: APR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	3.6	1.7	.6								9.0	6.7	6.0
020-040	4.3	7.3	3.4									15.1	6.5	6.0
050-070	1.1	3.2	1.3									5.6	7.0	7.0
(E) 080-100	.6	.9	.2									1.7	5.6	6.0
110-130	.6	1.1										1.7	4.3	5.0
140-160	3.6	1.3	.2									5.1	3.6	3.0
(S) 170-190	3.8	3.0	.6	.2								7.5	5.4	4.5
200-220	3.4	2.4										5.8	4.4	4.0
230-250	2.4	3.0	.6	.4								6.4	6.1	6.0
(W) 260-280	2.3	2.4	.8									5.5	5.5	5.0
290-310	2.6	3.0	2.4									8.1	6.8	7.0
320-340	3.8	5.5	1.9	.4								11.5	6.6	6.0
VARIABLE		.2	.8									.9	10.4	10.0
CALM	////////////////////////////////////											16.0	////////	
TOTALS	31.7	36.9	13.9	1.6								100.0	5.1	6.0

TOTAL NUMBER OF OBSERVATIONS 531

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: APR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.9	.7										5.6	3.1	2.5
020-040	3.5	2.8	1.4									7.7	5.7	5.0
050-070	1.4	2.1	.7	.7								4.9	7.3	7.0
(E) 080-100		.7										.7	8.0	8.0
110-130	2.1	1.4										3.5	4.8	4.0
140-160	1.4											1.4	2.5	2.5
(S) 170-190	5.6	2.8	1.4									9.8	5.1	4.0
200-220	2.1	.7										2.8	3.5	3.5
230-250	4.2	.7	.7									5.6	4.8	3.5
(W) 260-280	.7	3.5	.7									4.9	7.1	8.0
290-310	.7	3.5	1.4	.7								6.3	9.1	8.0
320-340	5.6	4.2	2.1									11.9	5.6	5.0
VARIABLE														
CALM	////////////////////////////////////											35.0	////////	
TOTALS	32.2	23.1	8.4	1.4								100.0	3.7	5.0

TOTAL NUMBER OF OBSERVATION 143

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: APR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	3.8	1.4	.2								8.9	6.1	6.0
020-040	5.6	5.6	2.8	.1								11.1	7.0	7.0
050-070	1.0	2.6	1.4	.1								5.2	7.4	7.0
(E) 080-100	.7	.6	.3									1.7	5.9	6.0
110-130	1.5	1.1	.3									2.9	4.8	4.0
140-160	1.9	1.0	.2									3.0	4.1	4.0
(S) 170-190	2.9	2.7	.6	.0								6.3	5.4	5.0
200-220	.9	5.1	1.9	.1								10.0	6.5	6.0
230-250	1.7	.4	2.1	.4	.0							7.2	7.9	8.0
(W) 260- 80	1.4	2.0	1.1	.2	.0							4.8	7.3	7.0
270-310	2.1	3.2	2.0	.4	.0							7.7	7.3	8.0
320- 40	4.0	4.3	1.3	.3								9.9	5.9	5.0
VARIABLE		1.1	1.3	.3	.1							2.9	10.8	10.0
CALC	////////////////////////////////////											18.5	////////	
TOTALS	26.1	36.1	16.7	2.1	.1							100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 3261

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: APR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.5	9.3	1.4									17.3	5.6	5.0
020-040	5.6	7.0	3.3									15.9	6.3	6.0
050-070	.2	1.4	.5									2.1	7.2	7.0
(E) 080-100	.5											.5	3.5	3.5
110-130	1.6											1.6	2.3	2.0
140-160	.2											.2	3.0	3.0
(S) 170-190	3.3	1.6										4.9	4.4	4.0
200-220	3.7	2.6										6.3	4.4	4.0
230-250	1.4	1.9	2.3									5.6	7.3	7.5
(W) 260-280	.5	1.4	.2									2.1	7.0	8.0
290-310	3.7	1.2	.7									5.6	4.3	3.5
320-340	5.1	4.7	1.2									11.0	5.0	5.0
VARIABLE														
CALM	////////////////////////////////////											26.9	////////	
TOTALS	32.3	31.1	9.6									100.0	4.0	5.0

TOTAL NUMBER OF OBSERVATIONS 428

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.4	4.1	1.1									10.6	5.1	4.0
020-040	1.7	.8	.2									2.6	4.1	3.0
050-070	.2	.8	.3									1.2	6.8	6.5
(E) 080-100	.8	.8										1.5	3.8	4.0
110-130	.9	.3	.5									1.7	5.3	2.0
140-160	2.6	.3	.2									3.1	2.9	2.0
(S) 170-190	2.5	2.2	.5									5.1	5.4	5.0
200-220	3.8	5.8	1.7	.2								11.5	5.8	5.0
230-250	1.2	2.5	.8	.3								4.8	7.0	8.0
(W) 260-280	.8	.5	.6	.2								2.0	7.5	7.0
290-310	2.2	1.4	.6									4.1	5.4	4.0
320-340	6.3	1.7	.2									8.1	3.4	2.0
VARIABLE		.2		.2								.3	12.0	12.0
CALM	////////////////////////////////////											43.3	////////////////////////////////	
TOTALS	28.4	21.4	6.7	.9								100.0	2.9	5.0
TOTAL NUMBER OF OBSERVATIONS 651														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAY HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.9	3.5	1.1									9.5	4.9	4.0
020-040	2.3	2.0	1.1									5.4	6.0	6.0
050-070	1.7	1.1	.8	.2								3.7	5.8	5.0
(E) 080-100	.5	1.1	.8									2.3	7.1	7.0
110-130	.8	1.1	.8									2.6	7.4	8.0
140-160	1.7	1.2	.2									3.1	4.6	4.0
(S) 170-190	2.4	5.2	.6									8.3	6.1	6.0
200-220	2.9	7.6	2.6	.6								13.8	7.3	7.0
230-250	2.3	4.9	3.7	.2	.2							11.2	7.9	8.0
(W) 260-280	.8	2.1	1.5	.2								4.6	7.7	8.0
290-310	2.4	1.4	1.1									4.9	5.6	4.5
320-340	6.7	3.1	.9									10.7	4.3	3.0
VARIABLE		2.1	1.8									4.0	9.2	9.0
CALM	////////////////////////////////////											16.2	////////	
TOTALS	29.4	36.4	17.0	1.2	.2							100.0	5.3	6.0
TOTAL NUMBER OF OBSERVATIONS 654														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAY HOURS: 12-14

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.4	4.5	.8									7.7	6.0	7.0
020-040	2.1	4.2	1.3									7.6	6.5	6.0
050-070	2.6	1.1	1.0									4.7	5.6	4.0
(E) 080-100	1.0	.6	.6									2.3	6.3	5.5
110-130	1.3	1.3	1.1									3.7	6.8	7.0
140-160	2.4	2.6	.6									5.6	5.3	5.0
(S) 170-190	1.9	2.6	1.3									5.8	6.2	5.5
200-220	3.2	6.9	2.6	.2								12.9	6.9	7.0
230-250	4.0	7.9	3.1	.3								15.3	7.3	7.0
(W) 260-280	1.4	3.7	1.3	.2								6.6	6.8	6.0
290-310	3.7	2.1	1.1	.6								7.6	6.3	5.0
320-340	3.2	2.9	.3	.2								6.6	5.2	5.0
VARIABLE		1.5	3.4	1.1								8.1	10.3	10.0
CALM	////////////////////											5.6	////////	
TOTALS	20.2	43.9	18.5	2.6								100.0	6.4	6.0

TOTAL NUMBER OF OBSERVATIONS 621

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAY HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.3	3.9	.9									7.1	6.0	6.0
020-040	1.4	5.2	2.1	.2					.2			9.1	8.0	8.0
050-070	2.3	2.5	.9	.7								6.4	7.3	7.0
(E) 080-100	.5	.9	.5									2.0	6.9	6.0
110-130	2.3	2.1	1.6									6.0	6.4	7.0
140-160	1.8	3.4	.4									5.5	5.9	6.0
(S) 170-190	2.0	1.8	.2									3.9	4.6	4.5
200-220	2.8	5.9	2.8	.2								11.7	7.0	6.0
230-250	3.2	5.3	2.7	.5	.2							11.9	7.3	7.0
(W) 260-280	2.7	4.1	1.8	.2								8.7	6.8	6.0
290-310	2.1	4.6	.9	.4								8.0	6.5	6.0
320-340	3.0	2.7	1.4	.2								7.3	6.2	5.0
VARIABLE		3.7	3.2	.5								7.5	9.8	9.5
CALM	////////////////////////////////////											4.8	////////	
TOTALS	26.4	46.1	19.4	2.9	.2				.2			100.0	6.6	7.0
TOTAL NUMBER OF OBSERVATIONS 562														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.2	5.3										9.6	4.8	5.0
020-040	3.4	6.8	.2									10.4	5.7	6.0
050-070	1.5	2.8	1.9	.2								6.4	7.6	7.5
(E) 080-100	.4	.6	.2									1.3	6.2	5.5
110-130	2.1	2.1	1.3									5.7	6.0	5.0
140-160	2.8	1.1										3.8	3.6	3.0
(S) 170-190	4.0	.8	.2									5.1	3.4	2.5
200-220	5.1	3.4	1.3									9.8	5.3	4.0
230-250	5.1	3.6	1.1	.2								10.0	5.4	4.0
(W) 260-280	2.1	1.5	.4									4.0	5.3	4.0
290-310	3.8	1.5	.8	.2								6.4	5.3	4.0
320-340	4.0	3.0	.2									7.2	4.0	4.0
VARIABLE		.8	.8									1.7	10.1	9.0
CALM	////////////////////////////////////											18.7	////////	
TOTALS	38.7	33.3	8.4	.6								100.0	4.3	5.0

TOTAL NUMBER OF OBSERVATIONS 471

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAY HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.7	2.3	.8									10.8	3.6	2.0
020-040	1.5	3.8										5.4	5.1	5.0
050-070	1.5	3.1										4.6	6.0	6.5
(E) 080-100	.8	1.5										2.3	6.3	7.0
110-130	.8											.8	4.0	4.0
140-160	1.5											1.5	3.0	3.0
(S) 170-190	3.1	1.5										4.6	3.3	3.0
200-220	6.2	3.8										10.0	4.1	3.0
230-250	6.2	2.3										8.5	3.9	3.0
(W) 260-280	1.5	.8										2.3	4.7	4.0
290-310	1.5	.8										2.3	3.3	3.0
320-340	5.4	3.1										8.5	3.9	4.0
VARIABLE														
CALM	////////////////////////////////////											38.5	////////	
TOTALS	37.7	23.0	.8									100.0	2.6	4.0

TOTAL NUMBER OF OBSERVATIONS 130

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105060

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAY HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	4.1	.8									9.0	5.2	5.0
020-040	2.1	3.6	.9	.0					.0			6.7	6.4	6.0
050-070	1.6	1.6	.9	.2								4.3	6.6	6.0
(E) 080-100	.6	.8	.4									1.9	6.2	6.0
110-130	1.4	1.3	1.0									3.7	6.4	6.0
140-160	2.2	1.6	.3									4.1	4.7	4.0
(S) 170-190	2.5	2.6	.6									5.7	5.3	5.0
200-220	3.6	6.0	2.1	.2								12.0	6.5	6.0
230-250	3.2	4.8	2.2	.3	.1							10.5	7.0	7.0
(W) 260-280	1.5	2.3	1.1	.1								5.0	6.8	6.0
290-310	2.8	2.1	.9	.2								6.0	5.9	5.0
320-340	4.8	2.7	.6	.1								8.1	4.5	4.0
VARIABLE		2.0	1.8	.4								4.1	10.0	10.0
CALM	////////////////////											19.0	////////	
TOTALS	30.3	35.5	13.6	1.5	.1							100.0	5.0	6.0

TOTAL NUMBER OF OBSERVATIONS 3089

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS													
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN
(DEGREES)												%	WIND
(N) 350-010	11.1	14.8	2.5									28.4	5.6
020-040	1.6	.8	1.6									4.1	7.2
050-070	.8											.8	3.5
(E) 080-100													
110-130	.4											.4	2.0
140-160	1.6											1.6	1.8
(S) 170-190	3.7	1.2	.4									5.3	4.3
200-220	3.7	2.9										6.6	4.3
230-250	1.6	2.1	1.6									5.3	6.9
(W) 260-280	.8											.8	3.0
290-310	1.2	2.9										4.1	5.5
320-340	7.0	4.9	.8									12.7	5.0
VARIABLE													
CALM	////////////////////////////////////											29.6	////////////////////////////////
TOTALS	33.5	29.6	6.9									100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 243

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.9	.9	.2									6.0	3.2	3.0
020-040	2.1	2.1										4.3	3.9	4.5
050-070														
(E) 080-100	.5											.5	2.0	2.0
110-130	1.1	.2										1.2	2.3	2.0
140-160	2.0	.5										2.4	2.6	2.0
(S) 170-190	4.4	1.4	.2									6.0	3.7	3.0
200-220	5.5	5.4	.8	.2								11.8	5.3	5.0
230-250	1.7	4.4	1.1	.3								7.5	7.3	7.0
(W) 260-280	1.5	2.8	.6									4.9	5.8	6.0
290-310	3.5	1.8	.5	.2								6.0	4.8	4.0
320-340	7.5	3.2	.3									11.0	4.0	3.0
VARIABLE		.3	.6	.3								1.2	11.4	10.0
CALM	////////////////////////////////////											37.3	////////	
TOTALS	34.7	23.0	4.3	1.0								100.0	3.0	4.0

TOTAL NUMBER OF OBSERVATIONS 654

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.6	3.8										9.3	4.0	4.0
020-040	3.0	3.5	.6									7.1	5.4	6.0
050-070	.9	1.1	.2									2.1	5.0	5.0
(E) 080-100	.9	.8										1.7	4.7	4.0
110-130	1.5	.5										2.0	3.2	2.0
140-160	2.0	.5										2.4	3.2	3.0
(S) 170-190	3.0	3.2										6.2	4.7	5.0
200-220	3.0	9.9	3.5		.2							16.5	7.0	7.0
230-250	1.2	7.8	2.4	.3								11.7	7.7	8.0
(W) 260-280	1.5	4.7	1.7									7.8	7.3	7.0
290-310	2.3	3.9	1.7									7.8	6.4	6.0
320-340	4.8	2.6	.5									7.8	4.5	4.0
VARIABLE		3.2	2.0									5.1	9.1	8.0
CALM	////////////////////////////////////											12.5	////////	
TOTALS	29.7	45.5	12.6	.3	.2							100.0	5.3	6.0
TOTAL NUMBER OF OBSERVATIONS 665														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105160

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.2	3.5	.8									9.0	5.0	4.0
020-040	2.2	3.5	.8									7.1	5.7	6.0
050-070	1.4	2.1	1.6									5.1	6.7	6.5
(E) 080-100	1.0	.3										1.3	4.0	4.0
110-130	1.3	.6										1.9	3.5	3.5
140-160	2.2	2.6										5.3	4.5	4.0
(S) 170-190	2.1	3.5	.6									6.3	5.9	6.0
200-220	2.6	6.6	3.2	.5								12.9	7.4	6.5
230-250	1.6	6.1	4.2	.3	.2							12.4	8.3	8.0
(W) 260-280	1.8	6.4	2.7	.2								11.1	7.5	7.0
290-310	1.4	3.1	2.6	.3								7.4	8.0	8.0
320-340	4.2	4.0	.3									8.5	5.2	5.0
VARIABLE		4.5	2.9	.2								7.6	9.2	8.0
CALM	////////////////////////////////////											4.2	////////////////////////////////	
TOTALS	21.5	45.8	19.7	1.5	.2							100.0	6.5	6.0
TOTAL NUMBER OF OBSERVATIONS 622														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	4.5	.7									8.5	5.1	5.0
020-040	3.1	3.7	.9									7.7	5.6	5.0
050-070	2.3	2.8	1.0									6.1	6.1	6.0
(E) 080-100	.5	.5	.2									1.2	5.1	6.0
110-130	1.6	1.2										2.8	4.0	4.0
140-160	1.9	2.1										4.0	4.7	5.0
(S) 170-190	2.3	2.6	.2									5.1	4.8	5.0
200-220	3.3	6.6	1.7									11.7	6.8	6.0
230-250	4.5	8.4	3.5	.5								16.9	7.1	7.0
(W) 260-280	2.4	3.3	2.4									8.2	6.9	7.0
290-310	2.8	3.3	2.4	.2								8.7	7.0	8.0
320-340	3.8	5.2	1.0									10.1	5.7	5.0
VARIABLE		2.1	2.6									4.7	9.7	10.0
CALM	////////////////////////////////////											4.4	////////////////////////////////	
TOTALS	31.8	46.3	16.6	.7								100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 574

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	2.8	.4									6.2	4.8	5.0
020-040	5.2	4.2										9.4	4.7	4.0
050-070	3.4	3.8	.8									8.0	5.8	5.5
(E) 080-100	1.2	.4										1.6	3.9	3.0
110-130	.8	.6										1.4	4.0	3.0
140-160	2.0	1.0										3.0	4.0	4.0
(S) 170-190	4.0	2.2	.2									6.4	3.9	3.0
200-220	7.4	4.2	1.0									12.6	4.5	4.0
230-250	4.2	5.8	2.2	.2								12.4	6.3	5.5
(W) 260-280	3.8	2.2	.8									6.8	5.2	4.0
290-310	3.2	3.6	1.4									8.2	5.9	5.0
320-340	5.4	4.2	1.0									10.6	4.8	4.0
VARIABLE		1.0	.4									1.4	8.6	8.0
CALM	////////////////////////////////////											11.8	////////////////////////////////	
TOTALS	43.6	36.0	8.2	.2								100.0	4.5	5.0
TOTAL NUMBER OF OBSERVATIONS 499														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.2	1.4										5.6	3.0	2.5
020-040	5.6											5.6	3.1	4.0
050-070	3.5	.7										4.2	3.0	3.5
(E) 080-100														
110-130														
140-160	2.8											2.8	2.5	2.5
(S) 170-190	4.9	.7										5.6	3.4	3.5
200-220	9.7	3.5										13.2	3.8	4.0
230-250	2.1	3.5	.7									6.2	5.6	6.0
(W) 260-280	3.5	1.4										4.9	3.3	3.0
290-310	2.8	.7	.7									4.2	4.8	3.0
320-340	9.0	3.5										12.5	3.8	4.0
VARIABLE														
CALM	////////////////////////////////////											35.4	////////	
TOTALS	48.1	15.4	1.4									100.0	2.4	4.0

TOTAL NUMBER OF OBSERVATIONS 144

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.4	3.0	.4									7.8	4.4	4.0
020-040	3.3	3.2	.4									6.9	5.1	5.0
050-070	1.6	1.8	.7									4.0	5.9	6.0
(E) 080-100	.8	.4	.0									1.2	4.2	4.0
110-130	1.2	.6										1.8	3.5	3.0
140-160	2.2	1.2										3.4	3.9	4.0
(S) 170-190	3.2	2.5	.2									6.0	4.6	4.0
200-220	4.5	6.5	2.0	.1	.0							13.2	6.2	6.0
230-250	2.5	6.4	2.6	.3	.0							11.8	7.3	7.0
(W) 260-280	2.2	3.8	1.6	.0								7.6	6.7	6.0
290-310	2.6	3.0	1.6	.1								7.4	6.4	6.0
320-340	5.4	3.8	.6									9.7	4.7	4.0
VARIABLE		2.2	1.6	.1								3.9	9.4	9.0
CALM	////////////////////////////////////											15.5	////////	
TOTALS	33.9	38.4	11.7	.6								100.0	4.9	6.0

TOTAL NUMBER OF OBSERVATIONS 3158

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	7.3	5.8										13.1	3.9	3.5
020-040	6.6	3.6										10.2	3.8	3.5
050-070														
(E) 080-100														
110-130	.7											.7	1.0	1.0
140-160	1.5	.7										2.2	3.0	2.0
(S) 170-190	2.2	2.9										5.1	4.6	5.0
200-220	3.6	3.6										7.3	5.1	4.5
230-250	.7	.7	.7									2.2	7.0	7.0
(W) 260-280	1.5	3.6										5.1	6.1	7.0
290-310	1.5	2.2	.7									4.4	5.2	6.0
320-340	13.9	5.8										19.7	3.8	4.0
VARIABLE														
CALM	////////////////////////////////////											29.9	////	////
TOTALS	39.5	28.9	1.4									100.0	3.0	4.0

TOTAL NUMBER OF OBSERVATIONS 137

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.5	2.9										7.4	3.9	4.0
020-040	1.2	.6										1.8	3.8	3.5
050-070														
(N) 080-100	.2											.2	2.0	2.0
110-130	2.3											2.3	1.6	1.0
140-160	3.2											3.2	2.1	2.0
(S) 170-190	3.5	.2	.2									3.8	3.1	3.0
200-220	4.8	3.2	.9									8.9	5.0	4.0
230-250	2.2	2.6	1.2									6.0	5.9	5.0
(W) 260-280	1.2	2.5	1.1	.2								4.9	6.6	6.0
290-310	2.8	2.6	.5	.2								6.0	5.3	5.0
320-340	7.1	2.8										9.8	3.4	3.0
VARIABLE		.6	.2	.2								.9	9.5	8.0
CALM	////////////////////////////////////											44.7	////////	
TOTALS	33.0	18.0	4.1	.6								100.0	2.5	4.0
TOTAL NUMBER OF OBSERVATIONS 651														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUL HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.3	5.7	.2									11.1	4.7	5.0
020-040	2.8	1.2	.5									4.5	4.6	4.0
050-070	1.5	1.2										2.8	4.3	4.0
(E) 080-100	.9	.2										1.1	3.3	4.0
110-130	1.4	.8										2.2	3.6	3.5
140-160	1.5	.5	.2									2.2	3.8	4.0
(S) 170-190	2.8	3.4	1.1									7.3	5.8	6.0
200-220	3.4	6.5	2.0	.2								12.1	6.5	6.0
230-250	1.7	5.1	1.5	.2								8.5	6.6	6.0
(W) 260-280	2.8	3.7	.9	.3								7.7	6.2	6.0
290-310	2.8	4.2	1.9	.2								9.0	6.9	7.0
320-340	5.9	4.3	1.1	.5								11.7	5.6	4.5
VARIABLE		2.8	2.0									4.8	8.9	8.0
CALM	////////////////////////////////////											15.1	////////	
TOTALS	32.8	39.6	11.4	1.4								100.0	5.0	6.0
TOTAL NUMBER OF OBSERVATIONS 647														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	4.5	.5									8.3	5.5	5.0
020-040	2.4	2.7	.2									5.3	4.7	5.0
050-070	1.1	1.4	.8									3.4	6.0	6.0
(E) 080-100	1.8	1.9										3.7	4.5	5.0
110-130	1.1	.5										1.6	3.7	3.5
140-160	1.3	1.8										3.0	4.9	5.0
(S) 170-190	1.4	3.0	.8									5.3	6.7	6.0
200-220	3.0	5.9	2.4	.2								11.5	6.6	6.5
230-250	1.8	7.5	2.6	.3								12.1	7.3	7.0
(W) 260-280	2.2	5.9	1.6	.2								9.9	6.7	7.0
290-310	4.6	6.5	2.6	.2	.2							14.1	6.8	7.0
320-340	4.3	6.7	.6	.5								12.1	5.9	5.5
VARIABLE		4.2	2.6									6.7	9.3	9.0
CALM	////////////////////////////////////											3.0	////////	
TOTALS	28.4	52.5	14.7	1.4	.2							100.0	6.2	6.0
TOTAL NUMBER OF OBSERVATIONS 626														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	5.0	1.3									8.9	6.4	6.0
020-040	2.2	4.5	.3									7.0	5.6	6.0
050-070	1.5	1.8	.7									4.0	6.0	5.5
(E) 080-100	.7	1.0	.2									1.8	5.3	5.0
110-130	2.3	1.7	.2									4.1	4.5	4.0
140-160	2.2	1.3										3.5	4.3	4.0
(S) 170-190	3.1	3.8	.2									7.1	4.9	5.0
200-220	3.1	3.3	1.3									7.8	5.8	6.0
230-250	4.1	6.6	2.8	.2								13.7	6.6	6.0
(W) 260-280	2.2	4.5	2.6	.3								9.6	7.5	7.0
290-310	2.3	5.5	2.0	.2		.2						10.1	7.3	7.0
320-340	2.3	6.1	2.0									10.4	6.8	6.0
VARIABLE		4.5	2.5									7.0	8.9	8.5
CALM	////////////////////////////////////											5.0	////////	
TOTALS	28.6	49.6	16.1	.7		.2						100.0	6.1	6.0
TOTAL NUMBER OF OBSERVATIONS 604														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUL HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	4.9	1.3									10.4	5.5	5.0
020-040	3.2	6.2										9.4	5.6	6.0
050-070	.4	4.3										4.7	6.1	6.0
(E) 080-100	.6	.4										.9	4.0	4.0
110-130	1.3	.9										2.3	3.9	4.0
140-160	3.2	.8										4.0	3.0	2.0
(S) 170-190	2.1	1.7										3.8	4.3	4.0
200-220	5.5	3.2										8.7	3.9	4.0
230-250	5.3	4.0	.8									10.0	4.8	4.0
(W) 260-280	4.7	4.9	1.7									11.3	5.7	6.0
290-310	2.3	4.7	1.1	.4								8.5	6.8	6.0
320-340	4.5	3.0	1.1									8.7	5.3	4.0
VARIABLE		.9	1.1									2.1	9.6	10.0
CALM	////////////////////////////////////											15.4	////////	
TOTALS	37.2	39.9	7.1	.4								100.0	4.5	5.0
TOTAL NUMBER OF OBSERVATIONS 531														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.6	1.3	.7									6.6	4.1	3.0
020-040	5.9	2.0										7.9	3.4	2.5
050-070	3.3	1.3										4.6	3.3	2.0
(E) 080-100	.7											.7	1.0	1.0
110-130														
140-160	.7											.7	1.0	1.0
(S) 170-190	5.9	2.0										7.9	3.3	3.0
200-220	4.6	1.3	.7									6.6	3.3	2.0
230-250	3.9	3.3										7.2	4.4	4.0
(W) 260-280	2.6	3.9										6.6	4.6	5.0
290-310	3.3	2.0	2.0									7.2	6.2	8.0
320-340	3.9	3.3	.7		.7							8.6	5.8	5.0
VARIABLE		.7	.7									1.3	10.0	10.0
CALM	////////////////////////////////////											34.2	////////	
TOTALS	39.4	21.1	4.8		.7							100.0	2.9	3.0
TOTAL NUMBER OF OBSERVATIONS 152														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	4.4	.6									9.1	5.2	5.0
020-040	2.5	2.9	.2									5.5	5.0	5.0
050-070	1.0	1.7	.3									3.0	5.5	5.0
(E) 080-100	.8	.7	.0									1.5	4.3	4.0
110-130	1.6	.7	.0									2.4	3.6	3.0
140-160	2.2	.8	.0									3.0	3.6	3.0
(S) 170-190	2.8	2.4	.4									5.6	5.0	5.0
200-220	4.0	4.3	1.3	.1								9.7	5.7	5.0
230-250	3.0	5.1	1.7	.1								9.9	6.3	6.0
(W) 260-280	2.6	1.2	1.5	.2								8.5	6.5	6.0
290-310	3.0	4.5	1.6	.2	.0	.0						9.4	6.7	6.5
320-340	4.8	4.5	.9	.2	.0							10.5	5.5	5.0
VARIABLE		2.5	1.6	.0								4.2	9.1	9.0
CALM	////////////////////////////////////											17.8	//////////	
TOTALS	32.3	38.7	10.1	.8								100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 3211

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.4	4.4	.9									9.6	4.8	5.0
020-040	1.8	.9										2.6	3.3	2.0
050-070														
(E) 080-100														
110-130	.9											.9	2.0	2.0
140-160	1.8											1.8	1.0	1.0
(S) 170-190	1.8		.9									2.6	5.3	3.0
200-220	2.6	1.8										4.4	4.2	4.0
230-250	2.6	2.6	.9									6.1	4.7	5.0
(W) 260-280	1.8											1.8	1.0	1.0
290-310	5.3	.9				.9						7.0	6.1	3.5
320-340	6.1	6.1	1.8									14.0	5.5	6.0
VARIABLE														
CALM	////////////////////////////////////											49.1	////////////////////////////////	
TOTALS	29.1	16.7	4.5			.9						100.0	2.4	4.0

TOTAL NUMBER OF OBSERVATIONS 114

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.7	1.7										6.3	3.3	2.5
020-040	.6	.3	.3									1.2	5.4	5.0
050-070														
(E) 080-100	.8											.8	1.6	2.0
110-130	1.8											1.8	2.6	2.0
140-160	4.4	.2										4.5	1.8	2.0
(S) 170-190	4.1	.9	.2									5.1	3.3	2.0
200-220	3.9	3.9	1.2	.2								9.2	5.9	5.0
230-250	3.3	2.9	.8	.2								7.1	5.5	5.0
(W) 260-280	1.1	1.5	.3	.2								3.0	5.8	5.0
290-310	2.1	2.1	.3									4.5	5.0	5.0
320-340	6.8	1.8	.3									8.9	3.3	2.0
VARIABLE		.5	.2									.6	9.5	9.0
CALM	////////////////////////////////////											47.1	////////	
TOTALS	33.6	15.8	3.6	.6								100.0	2.3	4.0
TOTAL NUMBER OF OBSERVATIONS 665														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.6	2.0	.2									7.7	3.6	3.0
020-040	2.3	2.3	.2									4.7	4.6	5.0
050-070	1.4	.6	.2									2.1	4.1	4.0
(E) 080-100	1.1	.3										1.4	2.9	2.0
110-130	2.4											2.4	2.5	2.0
140-160	2.6	.5										3.0	3.0	2.5
(S) 170-190	1.8	3.8	.5									6.0	5.8	6.0
200-220	3.9	5.9	2.4	.3								12.5	6.5	6.0
230-250	1.7	5.1	3.0									9.8	7.6	8.0
(W) 260-280	1.7	4.5	1.8	.3								8.3	7.1	7.0
290-310	2.9	2.9	1.7									7.4	6.0	6.0
320-340	5.9	2.9	1.8									10.5	5.1	4.0
VARIABLE	1.4	1.5	.2									3.0	10.3	10.5
CALM	////////////////////////////////////											21.5	////////	
TOTALS	33.3	32.2	13.3	.8								100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS 666

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	2.0	.2									4.6	4.2	3.5
020-040	1.5	3.7	.6									5.8	6.1	6.0
050-070	2.1	2.7	.6									5.5	5.4	5.0
(E) 080-100	1.1	.8										1.8	3.8	4.0
110-130	.8	1.1										1.8	4.8	5.5
140-160	2.0	1.5	.2									3.7	4.5	4.0
(S) 170-190	3.2	2.3	.9	.2								6.6	5.6	5.0
200-220	3.4	6.7	3.7	.3								14.0	7.3	7.0
230-250	3.4	5.5	5.3	.8								14.9	8.0	8.0
(W) 260-280	2.0	5.8	3.2	.5	.2							11.6	7.9	7.5
290-310	2.4	3.5	2.9									8.8	7.2	7.5
320-340	4.1	4.1	1.2									9.5	5.5	5.0
VARIABLE		3.2	2.6	.5								6.2	9.8	9.0
CALM	////////////////////////////////////											5.2	////////	
TOTALS	28.4	42.9	21.4	2.3	.2							100.0	6.5	6.0
TOTAL NUMBER OF OBSERVATIONS 656														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	1.6										3.3	4.6	4.0
020-040	2.2	4.9	1.3									8.4	6.2	6.0
050-070	1.4	1.1	1.0	.2								3.7	6.7	6.0
(E) 080-100	.5	1.1										1.6	5.5	6.0
110-130	1.3	2.4	.2									3.8	5.1	6.0
140-160	1.6	1.4										3.0	4.6	4.0
(S) 170-190	3.2	3.2	1.0									7.3	5.4	5.0
200-220	4.8	4.5	1.8	.6								11.6	6.3	5.0
230-250	3.3	8.3	3.2	.8								15.6	7.3	6.0
(W) 260-280	2.5	5.6	4.6	.2								12.9	7.7	8.0
290-310	1.6	5.7	2.2	.3								9.9	7.9	8.0
320-340	3.5	4.1	1.0	.2								8.8	5.7	5.0
VARIABLE		3.3	2.2	.2	.2							5.9	10.1	9.0
CALM	////////////////////////////////////											4.1	////////	
TOTALS	27.7	47.2	18.5	2.5	.2							100.0	6.5	6.0
TOTAL NUMBER OF OBSERVATIONS 628														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: AUG HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	1.1										3.9	3.4	2.5
020-040	4.6	3.6	.2									8.4	4.6	4.0
050-070	2.3	1.4	.4									4.1	4.6	4.0
(E) 080-100	.7	.5	.2									1.4	5.3	4.0
110-130	.7	.4										1.1	3.7	3.5
140-160	3.4	.7										4.1	3.1	3.0
(S) 170-190	2.3	.7	.2		.2							3.4	5.1	3.0
200-220	6.4	2.9	1.1									10.4	4.2	3.0
230-250	5.0	3.9	.7	.2	.2							10.0	5.4	4.5
(W) 260-280	4.3	4.1	1.1	.2								9.6	5.8	5.0
290-310	5.9	4.6	.9									11.4	5.1	4.0
320-340	4.1	3.9	1.1									9.1	5.5	5.0
VARIABLE		.5	.2	.2								.9	9.8	8.0
CALM	////////////////////////////////////											22.1	////////	
TOTALS	42.6	28.3	6.1	.6	.4							100.0	3.8	4.0

TOTAL NUMBER OF OBSERVATIONS 560

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: AUG HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	.6										3.0	2.8	2.0
020-040	5.5											5.5	2.9	3.0
050-070	1.8	1.2										3.0	3.6	4.0
(E) 080-100														
110-130	1.2											1.2	2.5	2.5
140-160	.6											.6	2.0	2.0
(S) 170-190	4.3	1.2	.6									6.1	3.7	2.5
200-220	6.7	2.4		.6								9.8	4.6	3.0
230-250	2.4	1.2	.6									4.3	4.6	3.0
(W) 260-280	3.7	3.0	.6									7.3	5.2	4.5
290-310	4.9	1.2	.6									6.7	4.5	4.0
320-340	3.0	1.2										4.3	3.3	2.0
VARIABLE														
CALM	////////////////////////////////////											48.2	////////	
TOTALS	36.5	12.0	2.4	.6								100.0	2.1	3.0
TOTAL NUMBER OF OBSERVATIONS 164														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: AUG HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	1.6	.1									5.1	3.7	3.0
020-040	2.3	2.8	.5									5.6	5.3	5.0
050-070	1.4	1.2	.4	.0								3.0	5.2	5.0
(E) 080-100	.8	.5	.0									1.3	4.0	4.0
110-130	1.4	.7	.0									2.2	3.8	3.0
140-160	2.7	.8	.0									3.5	3.3	2.0
(S) 170-190	3.0	2.2	.5	.0	.0							5.8	5.0	4.0
200-220	4.5	4.7	1.9	.3								11.5	6.1	5.0
230-250	3.2	4.9	2.5	.4	.0							11.1	7.0	7.0
(W) 260-280	2.3	4.2	2.1	.2	.0							8.9	7.1	7.0
290-310	3.0	3.6	1.6	.1								6.2	6.3	6.0
320-340	4.8	3.2	1.0	.0								9.1	5.0	4.0
VARIABLE		1.7	1.3	.2	.0							3.2	10.0	9.0
CALM	////////////////////											21.5	////////	
TOTALS	32.8	32.1	11.9	1.2								100.0	4.6	5.0

TOTAL NUMBER OF OBSERVATIONS 3339

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	8.4	4.8										13.3	4.0	4.0
020-040	3.2	3.6	1.2									8.0	5.4	5.5
050-070														
(E) 080-100														
110-130	2.4											2.4	2.7	2.5
140-160	3.6	.8										4.4	2.4	2.0
(S) 170-190	2.8	1.2			.4							4.4	4.6	2.0
200-220	2.0	2.4	.4	.4								5.2	6.2	5.0
230-250	1.6	1.2	.8									3.6	6.6	5.0
(W) 260-280	1.2											1.2	1.7	1.0
290-310	1.2	2.0										3.2	5.6	6.5
320-340	10.0	4.0	.4									14.5	3.8	2.0
VARIABLE														
CALM	////////////////////////////////////											39.8	////////	
TOTALS	36.4	20.0	2.8	.4	.4							100.0	2.6	4.0

TOTAL NUMBER OF OBSERVATIONS 249

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	.8										3.7	3.5	4.0
020-040	.8	.8										1.6	3.9	4.5
050-070	.2											.2	2.0	2.0
(E) 080-100	.5											.5	2.0	2.0
110-130	1.9	.2										2.1	2.5	2.0
140-160	4.4	.3										4.8	2.4	2.0
(S) 170-190	4.0	1.7	.2									5.9	3.9	4.0
200-220	4.9	5.1	2.4									12.4	6.0	6.0
230-250	1.9	3.5	2.7									8.1	7.5	7.0
(W) 260-280	1.4	1.4	.3									3.2	5.1	5.0
290-310	1.1	1.6	.2		.2							3.0	6.2	6.0
320-340	4.3	.8										5.1	3.3	3.0
VARIABLE		1.0	.6		.5							2.1	12.2	10.0
CALM	////////////////////////////////////											47.6	////////	
TOTALS	28.3	17.2	6.4		.7							100.0	2.7	4.0
TOTAL NUMBER OF OBSERVATIONS 630														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: SEP HOURS: 09-11

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		4.4	1.9	.2									6.5	3.5	2.0
020-040		1.7	3.0										4.7	4.7	5.0
050-070		.2	.2	.2									.5	6.7	6.0
(E) 080-100		.2	.2										.3	4.0	4.0
110-130		.5	.2	.2									.8	6.0	3.0
140-160		1.9	.9	.2									3.0	4.3	4.0
(S) 170-190		4.6	3.8	1.3									9.6	5.3	5.0
200-220		3.0	7.6	3.2	.3								14.0	7.3	7.0
230-250		1.3	4.6	3.2	.6								9.6	8.7	8.0
(W) 260-280		.5	3.6	.9	.5								5.5	8.1	7.0
290-310		1.3	2.4	.8									4.4	6.3	6.0
320-340		4.7	1.7	.6									7.1	4.1	3.0
VARIABLE			1.7	3.9	.6								6.3	10.8	10.0
CALM		////////////////////////////////////											27.6	////////	
TOTALS		24.3	31.8	14.7	2.0								100.0	4.7	6.0

TOTAL NUMBER OF OBSERVATIONS 634

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: SEP HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	1.9	.2									3.8	5.4	5.0
020-040	4.0	2.5	.3									6.8	4.4	4.0
050-070	1.6	1.0	.2									2.7	4.8	4.0
(E) 080-100	.6	.3										1.0	3.3	3.0
110-130	.8	.6	.2									1.6	5.5	5.0
140-160	2.5	.6	.2									3.3	3.9	3.0
(S) 170-190	2.2	3.3	1.0									6.5	6.1	6.0
200-220	3.2	10.8	5.1	.2								19.3	7.6	8.0
230-250	1.8	7.8	5.7	.8								16.1	8.7	8.0
(W) 260-280	1.6	3.7	2.5	.3								8.1	7.9	7.0
290-310	.6	3.0	1.0	.2								4.8	7.5	7.0
320-340	3.2	3.7	.6									7.5	5.4	5.0
VARIABLE		3.3	4.1	1.0	.2							8.6	10.7	10.0
CALM	////////////////////////////////////											9.9	////////	
TOTALS	23.9	42.5	21.1	2.5	.2							100.0	6.5	7.0

TOTAL NUMBER OF OBSERVATIONS 628

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: SEP HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	3.7	.3									7.0	5.4	5.0
020-040	2.3	4.5	.3									7.2	5.6	6.0
050-070	1.5	1.3	.7									3.5	6.0	5.0
(E) 080-100	.2	.7	.2									1.0	6.8	7.0
110-130	.5	.3										.8	4.0	3.0
140-160	1.3	.7	.2									2.2	4.1	3.0
(S) 170-190	2.8	4.0	.5									7.4	5.4	5.0
200-220	5.9	9.4	4.0	.2	.2							19.6	6.7	6.0
230-250	2.7	10.2	5.2	.7								18.8	7.8	8.0
(W) 260-280	1.0	3.5	1.3	.7								6.5	8.4	8.0
290-310	2.5	4.5	.8									7.9	6.0	6.0
320-340	2.5	3.5	.3									6.4	5.7	5.0
VARIABLE		2.5	2.0	.2								4.7	9.5	9.0
CALM	////////////////////////////////////											7.0	////////	
TOTALS	26.2	48.8	15.8	1.8	.2							100.0	6.2	6.0
TOTAL NUMBER OF OBSERVATIONS 597														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: SEP HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	3.0										6.9	4.3	4.0
020-040	5.4	2.0	.2									7.5	3.9	4.0
050-070	1.2	1.2	.2									2.6	5.5	5.0
(E) 080-100	.2											.2	4.0	4.0
110-130	.6	.4										1.0	4.2	4.0
140-160	3.2											3.2	2.6	3.0
(S) 170-190	6.7	1.0	.2									7.9	3.1	3.0
200-220	6.5	6.5	1.6									14.7	5.5	5.0
230-250	4.6	6.2	1.8	.2								12.7	6.0	6.0
(W) 260-280	4.2	2.2	.4	.2								6.9	4.7	4.0
290-310	3.8	1.6	.2									5.6	4.2	4.0
320-340	2.2	1.4	.6									4.2	5.3	4.0
VARIABLE		.4	.4									.8	9.3	9.5
CALM	////////////////////											25.8	////////////////	
TOTALS	42.6	25.9	5.6	.4								100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 504

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: SEP HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	1.7										5.0	3.7	3.5
020-040	.8											.8	1.0	1.0
050-070														
(E) 080-100														
110-130	.8											.8	3.0	3.0
140-160	1.7											1.7	2.5	2.5
(S) 170-190	8.3	4.1										12.4	3.7	3.0
200-220	5.0	4.1										9.1	4.2	4.0
230-250	2.5	5.0	2.5									9.9	6.9	7.5
(W) 260-280	.8	.8										1.7	6.0	6.0
290-310	2.5	.8	.8									4.1	4.8	4.0
320-340	2.5	.8	.8									4.1	5.0	3.0
VARIABLE														
CALM	////////////////////////////////////											50.4	////////	
TOTALS	28.2	17.3	4.1									100.0	2.3	4.0

TOTAL NUMBER OF OBSERVATIONS 121

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: SEP HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	2.2	.1									5.5	4.4	4.0
020-040	2.7	2.5	.2									5.3	4.6	4.0
050-070	.9	.7	.2									1.8	5.5	5.0
(E) 080-100	.3	.2	.0									.6	4.4	4.0
110-130	.9	.3	.1									1.3	4.1	3.0
140-160	2.6	.5	.1									3.2	3.3	3.0
(S) 170-190	4.1	2.9	.6									7.6	4.8	4.0
200-220	4.6	7.8	3.2	.1	.0							15.7	6.7	6.0
230-250	2.3	6.4	3.7	.4								12.9	7.8	8.0
(W) 260-280	1.6	2.8	1.1	.3								5.8	7.1	6.0
290-310	1.8	2.6	.6	.0	.0							5.0	6.0	6.0
320-340	3.4	2.2	.4									6.0	4.7	4.0
VARIABLE	1.8	2.2	.4	.1								4.5	10.6	10.0
CALM	////////////////////											24.7	////////////////	
TOTALS	28.4	32.9	12.5	1.2	.1							100.0	4.7	6.0

TOTAL NUMBER OF OBSERVATIONS 3114

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.3	4.0										10.3	4.5	4.0
020-040	5.2	6.0										11.1	4.3	5.0
050-070														
(E) 080-100	1.2											1.2	2.3	2.0
110-130	1.2											1.2	1.7	2.0
140-160	4.4											4.4	2.5	3.0
(S) 170-190	3.6		.4									4.0	2.6	2.0
200-220	3.6	1.6	.4									5.6	4.2	4.0
230-250	2.0	1.6										3.6	5.2	4.0
(W) 260-280	1.2											1.2	2.0	2.0
290-310	2.4	.8										3.2	3.4	4.0
320-340	6.7	2.8	1.2									10.7	4.3	3.0
VARIABLE														
CALM	////////////////////////////////////											43.7	////////////////////////////////	
TOTALS	37.8	16.8	2.0									100.0	2.2	3.0

TOTAL NUMBER OF OBSERVATIONS 252

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	.5										3.9	2.8	2.0
020-040	.8											.8	3.2	3.0
050-070	1.3	.5										1.7	2.9	2.0
(E) 080-100	.9											.9	2.2	2.0
110-130	2.1	.2										2.2	2.7	2.5
140-160	4.3	.8	.2									5.2	2.9	2.0
(S) 170-190	4.1	3.8	.9	.2								9.0	5.0	5.0
200-220	5.8	7.7	3.0	.3								16.9	6.3	6.0
230-250	2.4	4.3	2.7	.9								10.3	8.2	8.0
(W) 260-280	1.4	.9	.9	.5								3.8	8.2	6.5
290-310	1.3	.5	.3									2.1	5.2	4.0
320-340	3.2	.9	.2	.2								4.4	4.3	4.0
VARIABLE		.5	.3	.2								.9	10.3	9.5
CALM	////////////////////////////////////											37.9	////////	
TOTALS	31.1	20.6	8.5	2.3								100.0	3.5	5.0

TOTAL NUMBER OF OBSERVATIONS 634

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: OCT HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	.9	.2									4.5	3.5	3.0
020-040	1.9	.5										2.3	3.1	3.0
050-070	1.4											1.4	2.8	3.0
(E) 080-100	1.6	.2										1.7	2.4	2.0
110-130	1.6	.8	.2									2.5	4.4	2.5
140-160	2.8	.5	.3									3.6	4.0	3.0
(S) 170-190	5.0	6.2	2.3	.2								13.7	6.2	6.0
200-220	3.9	10.0	4.0	.8								18.7	7.3	7.0
230-250	1.4	6.1	4.7	1.6	.2							13.9	9.4	9.0
(W) 260-280	.5	1.7	.8	.2								3.1	8.1	8.0
290-310	1.2	.8	.2									2.2	5.5	4.0
320-340	3.1	1.1	.9									5.1	4.9	3.0
VARIABLE		1.1	1.6	.3								3.0	10.5	10.0
CALM	////////////////////////////////////											24.3	////////	
TOTALS	27.8	29.9	15.2	3.1	.2							100.0	5.0	6.0
TOTAL NUMBER OF OBSERVATIONS 642														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO VIC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: OCT HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.6	1.4	.5									5.5	3.9	3.0
020-040	1.3	2.4										3.6	4.9	5.0
050-070	1.1	.6	.2									1.9	5.0	4.0
(E) 080-100	.6	.3	.5									1.4	6.6	5.0
110-130	2.1	.8	.6									3.5	5.1	3.0
140-160	1.7	1.4	.5									3.6	5.2	5.0
(S) 170-190	2.7	7.3	2.5									12.5	6.8	6.0
200-220	3.6	13.6	8.4	1.4	.3							27.4	8.5	8.0
230-250	1.3	6.2	5.1	1.4	.2							14.1	9.3	9.0
(W) 260-280	.5	2.2	1.7									4.4	8.6	8.0
290-310	.8	2.1	1.1									4.0	6.8	6.0
320-340	1.7	2.5	.3									4.6	5.3	6.0
VARIABLE		1.9	2.2	1.1								5.2	11.2	10.0
CALM	////////////////////////////////////											8.2	////////	
TOTALS	21.0	42.7	23.6	3.9	.5							100.0	6.9	7.0

TOTAL NUMBER OF OBSERVATIONS 632

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	2.5	.3									5.1	5.1	5.0
020-040	1.5	3.8	.2									5.4	5.4	5.0
050-070	1.0	1.5	.2									2.6	5.9	6.5
(E) 080-100	.3	.3										.7	6.0	5.5
110-130	2.1	1.0	.3									3.5	4.0	3.0
140-160	3.1	1.6										4.8	3.8	3.0
(S) 170-190	4.3	6.8	1.2									12.2	5.5	5.0
200-220	9.1	12.5	6.1	1.0	.3							29.0	6.9	6.0
230-250	2.1	7.2	3.0	1.5	.2							14.0	8.6	8.0
(W) 260-280	.5	3.3	.8	.2								4.8	7.7	8.0
290-310	1.3	2.0	.2									3.5	5.7	6.0
320-340	1.8	1.3										3.1	4.2	4.0
VARIABLE		1.8	1.6	.7	.3							4.4	11.3	10.0
CALM	////////////////////////////////////											6.9	////////////////////////////////	
TOTALS	29.4	45.6	13.9	3.4	.8							100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 607

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: OCT HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	1.5										5.0	3.5	4.0
020-040	2.9	3.1										6.0	4.8	5.0
050-070	1.5	.2										1.7	3.2	3.0
(E) 080-100	.8											.8	1.5	1.5
110-130	1.2	.6										1.7	3.3	4.0
140-160	2.9	1.5										4.4	4.1	4.0
(S) 170-190	7.3	2.9	.6	.2								10.9	4.5	3.0
200-220	9.2	7.1	3.3	.8	.2							20.5	6.2	5.0
230-250	3.6	3.3	2.5	.6	.2							10.2	7.2	7.0
(W) 260-280	.6	2.7	.2	.8								4.2	8.2	6.5
290-310	1.0	1.0		.2								2.1	5.9	6.0
320-340	3.1	1.5										4.6	3.9	4.0
VARIABLE		.2	.8	.2	.2							1.3	13.6	12.0
CALM	////////////////////////////////////											26.5	////////	
TOTALS	37.6	25.6	7.4	2.8	.6							100.0	4.1	4.0

TOTAL NUMBER OF OBSERVATIONS 521

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: OCT HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	2.0										5.3	4.1	4.0
020-040	2.6	2.6										5.3	4.8	4.5
050-070	1.3											1.3	1.0	1.0
(E) 080-100	1.3											1.3	2.0	2.0
110-130	2.6											2.6	2.3	2.0
140-160	6.0	1.3										7.3	3.5	3.0
(S) 170-190	6.0	2.6	1.3									9.9	5.0	4.0
200-220	5.3	4.6	2.0									11.9	5.8	5.0
230-250	3.3	3.3	2.6									9.3	6.3	6.0
(W) 260-280		3.3	1.3									4.6	8.0	8.0
290-310	.7	1.3										2.0	4.7	5.0
320-340	4.0											4.0	2.8	2.5
VARIABLE		.7	.7	.7	.7							2.6	14.3	14.0
CALM	////////////////////////////////////											32.5	////////////////////////////////	
TOTALS	36.4	21.7	7.9	.7	.7							100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 151

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: OCT HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	1.4	.2									4.8	3.8	3.0
020-040	1.7	1.9	.0									3.6	4.7	5.0
050-070	1.3	.5	.1									1.9	4.1	3.0
(E) 080-100	.9	.2	.1									1.1	3.7	2.0
110-130	1.9	.6	.2									2.7	4.0	3.0
140-160	3.1	1.2	.2									4.5	3.9	3.0
(S) 170-190	4.6	5.3	1.5	.1								11.6	5.7	5.0
200-220	6.1	10.0	4.9	.8	.2							22.0	7.1	6.0
230-250	2.2	5.4	3.6	1.2	.1							12.4	8.6	8.0
(W) 260-280	.7	2.2	.9	.3								4.1	8.1	8.0
290-310	1.1	1.3	.3	.0								2.7	5.9	6.0
320-340	2.6	1.4	.3	.0								4.4	4.5	4.0
VARIABLE		1.1	1.3	.5	.1							3.0	11.4	10.0
CALM	////////////////////////////////////											21.2	////////	
TOTALS	29.5	32.5	13.6	2.9	.4							100.0	5.1	6.0

TOTAL NUMBER OF OBSERVATIONS 3187

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	1.4										5.5	3.5	4.0
020-040	5.1	4.1										9.2	4.3	4.0
050-070	1.8	.8										2.6	3.7	4.0
(E) 080-100	.6											.6	2.0	2.0
110-130	2.2	.2										2.4	2.4	2.0
140-160	2.4	1.4										3.7	3.4	3.0
(S) 170-190	4.5	2.6										7.1	3.9	3.5
200-220	5.7	7.5	3.9	2.2	.4							19.6	7.9	7.0
230-250	1.8	3.7	1.8	.6								7.9	7.9	8.0
(W) 260-280	1.0			.4								1.4	6.0	3.0
290-310	2.6	.4										2.9	3.5	3.0
320-340	4.5	2.4										6.9	4.1	4.0
VARIABLE														
CALM	////////////////////											30.3	////////	
TOTALS	36.3	24.5	5.7	3.2	.4							100.0	3.8	4.0

TOTAL NUMBER OF OBSERVATIONS 509

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	.7										2.1	4.1	4.0
020-040	1.0	2.6	.7	.3								4.6	7.2	7.0
050-070	.2	.3	.2									.7	6.8	7.0
(E) 080-100	.7	.5										1.2	4.1	2.0
110-130	1.9	.3										2.2	2.5	2.0
140-160	2.6	.9										3.4	3.2	3.0
(S) 170-190	6.0	3.9	.7									10.6	4.6	4.0
200-220	4.6	8.2	3.8	.2								16.8	6.8	6.5
230-250	1.0	2.7	3.2	.7	.5							8.2	10.0	10.0
(W) 260-280	.5	1.9	.7	.3								3.4	8.3	8.0
290-310	1.2	1.9	1.0	.2								4.3	7.2	6..
320-340	3.8	1.4	.2									5.3	3.8	3.0
VARIABLE		.2	.5			.2						.9	14.4	14.0
CALM	////////////////////////////////////											36.4	////////	
TOTALS	24.9	25.5	11.0	1.7	.5	.2						100.0	4.0	6.0
TOTAL NUMBER OF OBSERVATIONS 585														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	.8	.5									4.9	4.1	3.0
020-040	1.5	3.0	.2									4.7	5.6	6.0
050-070	.5	.3	.2									1.0	6.2	5.5
(E) 080-100	.2	.2										.3	4.0	4.0
110-130	1.3	.2	.2									1.7	3.6	2.5
140-160	2.2	.5	.7									3.4	4.7	2.5
(S) 170-190	5.4	5.2	1.2									11.8	5.3	5.0
200-220	4.0	9.7	3.7	.7								18.2	7.1	7.0
230-250	.8	3.2	4.7	1.2	.2							10.1	10.1	10.0
(W) 260-280	1.0	2.2	1.3									4.5	7.0	7.0
290-310	1.0	1.5	.7									3.2	6.3	7.0
320-340	3.2	1.7	.7									5.5	4.8	4.0
VARIABLE		.8	1.2	.3	.2							2.5	11.7	10.0
CALM	////////////////////////////////////											28.2	////////////////////////////////	
TOTALS	24.6	29.3	15.3	2.2	.4							100.0	4.8	6.0
TOTAL NUMBER OF OBSERVATIONS 595														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.0	1.5	.3									2.9	5.9	6.0
020-040	.7	4.3	.7	.2								5.8	6.8	7.0
050-070	1.2	1.0										2.2	4.9	4.0
(E) 080-100	.5	.3	.2									1.0	6.0	4.0
110-130	1.4	1.0	.9									3.2	6.4	7.0
140-160	2.9	.5	.2									3.6	3.6	3.0
(S) 170-190	3.6	7.3	1.9									12.8	6.1	6.0
200-220	4.3	10.6	3.1	.2								18.1	7.1	7.0
230-250	.5	4.4	4.9	1.0								10.9	9.5	10.0
(W) 260-280		1.9	2.6	.3								4.8	9.9	10.0
290-310	1.4	1.7	1.2	.3								4.6	7.8	8.0
320-340	2.2	2.0	1.7									6.0	6.1	6.0
VARIABLE		2.0	1.7	.3	.3	.2						4.6	11.4	10.0
CALM	////////////////////////////////////											19.5	////////////////////////////////	
TOTALS	19.7	38.5	19.4	2.3	.3	.2						100.0	5.9	7.0

TOTAL NUMBER OF OBSERVATIONS -586

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: NOV HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	1.8	.4									4.5	4.6	4.0
020-040	2.5	3.7	1.4									7.7	6.2	6.0
050-070	.5	1.1	.2									1.8	6.4	6.0
(E) 080-100	.5	.2	.2									.9	5.0	4.0
110-130	1.4	.9	.2									2.5	4.4	2.5
140-160	2.7	1.8	.4									4.8	5.1	4.0
(S) 170-190	4.3	4.8										9.1	4.7	5.0
200-220	5.3	11.9	4.3	.9								22.5	7.0	6.0
230-250	3.0	3.9	3.0	.4								10.3	7.5	8.0
(W) 260-280	1.1	2.5	2.1	1.2	.2							7.1	9.3	9.5
290-310	1.2	1.4	2.3		.2							5.2	8.6	9.0
320-340	3.0	1.6	.5	.2								5.3	5.4	4.0
VARIABLE		1.2	1.4	.4								3.0	10.2	10.0
CALM	////////////////////////////////////											15.3	////////	
TOTALS	27.8	36.8	16.4	3.1	.4							100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 561

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	1.4	.4									5.0	3.9	3.0
020-040	2.0	2.2	.6									4.8	5.0	5.0
050-070	.8	.8	.2									1.8	5.6	6.0
(E) 080-100	.4											.4	4.0	4.0
110-130	1.8	.2										2.0	3.0	2.5
140-160	2.8	1.0	.2									4.0	3.9	4.0
(S) 170-190	5.4	2.8	.8									9.1	4.6	4.0
200-220	5.6	8.0	3.2	1.4								18.3	6.9	6.0
230-250	3.6	2.2	2.2	.6								8.7	6.9	6.0
(W) 260-280	.6	1.0	4.4	1.2								7.2	10.3	10.0
290-310	1.6	.8	1.0									3.4	6.2	5.0
320-340	4.0	2.4										6.4	4.0	3.5
VARIABLE		.6	1.4	.2								2.2	10.3	10.0
CALM	////////////////////////////////////											26.6	////////////////////////////////	
TOTALS	31.8	23.4	14.4	3.4								100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS 497

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: NOV HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	2.3										4.5	4.5	5.0
020-040	2.3	2.3										4.5	4.8	4.5
050-070	.8	.8										1.5	5.5	5.5
(E) 080-100														
110-130	1.5											1.5	1.5	1.5
140-160	3.0	3.0										6.1	4.1	4.5
(S) 170-190	6.1	3.0										9.1	3.9	4.0
200-220	3.0	6.1	3.8	.8								13.6	7.6	7.5
230-250	.8	.8	2.3	2.3	1.5							7.6	12.9	13.5
(W) 260-280	1.5	4.5	2.3									8.3	7.5	8.0
290-310	3.0		.8									3.8	4.2	2.0
320-340	3.8	2.3		.8								6.8	5.4	3.0
VARIABLE			2.3									2.3	11.0	10.0
CALM	////////////////////////////////////											30.3	////////	
TOTALS	28.1	25.1	11.5	3.9	1.5							100.0	4.6	6.0
TOTAL NUMBER OF OBSERVATIONS 132														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: NOV HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	1.3	.3									3.9	4.5	4.0
020-040	1.6	3.1	.7	.1								5.5	6.3	6.0
050-070	.6	.7	.1									1.5	5.8	6.0
(E) 080-100	.4	.2	.1									.7	4.8	4.0
110-130	1.6	.5	.2									2.3	4.2	3.0
140-160	2.6	1.0	.3									3.9	4.2	3.0
(S) 170-190	5.0	4.8	.9									10.7	5.1	5.0
200-220	4.7	9.6	3.6	.6								18.5	7.0	6.0
230-250	1.7	3.2	3.6	.8	.2							9.6	9.0	9.0
(W) 260-280	.7	2.0	2.2	.6	.0							5.5	9.0	10.0
290-310	1.4	1.4	1.2	.1	.0							4.1	7.3	7.0
320-340	3.2	1.8	.6	.1								5.8	4.9	4.0
VARIABLE		.9	1.3	.2	.1	.1						2.6	11.2	10.0
CALM	////////////////////////////////////											25.5	////////	
TOTALS	25.8	30.5	15.1	2.5	.3	.1						100.0	5.0	6.0

TOTAL NUMBER OF OBSERVATIONS 2956

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	.6										3.5	3.0	3.0
020-040	1.4	4.4	1.1									6.8	6.7	7.0
050-070	.3		.2									.5	6.0	3.0
(E) 080-100	.5											.5	2.7	3.0
110-130	1.4											1.4	2.6	2.0
140-160	3.0	.6										3.6	3.1	2.0
(S) 170-190	7.3	5.9	1.1									14.3	4.8	4.0
200-220	6.2	12.0	5.0	.3								23.5	6.7	6.0
230-250	1.1	2.0	3.5	.8								7.3	9.4	10.0
(W) 260-280	.3	.3	.2	.2								.9	7.5	8.5
290-310	1.7	.9										2.6	4.2	4.0
320-340	4.6	.8	.2									5.5	3.0	2.0
VARIABLE														
CALM	////////////////////////////////////											29.7	////////////////////////////////	
TOTALS	30.7	27.5	11.3	1.3								100.0	4.0	5.0

TOTAL NUMBER OF OBSERVATIONS 659

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	1.5	1.1									5.5	5.4	4.0
020-040	1.5	1.1	.2									2.8	5.2	4.0
050-070	.4	.2	.2									.8	5.3	5.0
(E) 080-100		.2										.2	6.0	6.0
110-130	.6	.2										.8	3.5	3.5
140-160	4.0	.8										4.7	2.9	2.0
(S) 170-190	5.3	6.2	.8									12.3	5.3	5.0
200-220	6.4	7.4	4.3	2.3	.4							20.8	7.8	7.0
230-250	1.3	4.0	3.4	2.1	.6							11.3	10.6	10.0
(W) 260-280	.6	.8	1.7	.6	1.1	.2						4.9	13.7	13.0
290-310	.2	.6	.2	.6		.2						1.7	12.3	12.0
320-340	3.4	1.7	1.7	.2								7.0	6.2	5.0
VARIABLE		.9		.2	.4							1.5	12.1	8.5
CALM	////////////////////////////////////											25.8	//////////	
TOTALS	26.5	25.6	13.6	6.0	2.5	.4						100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 530

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	1.1	.5									3.1	5.2	5.0
020-040	1.0	1.6	.3									2.9	6.2	7.0
050-070	.2	.5										.7	5.8	5.5
(E) 080-100	.2		.2									.3	7.0	7.0
110-130	1.5											1.5	2.3	2.0
140-160	3.1	.8										3.9	3.4	3.0
(S) 170-190	7.3	5.7	1.5	.3								14.8	5.2	5.0
200-220	4.9	7.0	6.4	1.6	.5							20.4	8.5	8.0
230-250	1.1	4.1	4.4	2.1	1.1							12.9	10.9	10.0
(W) 260-280	.2	1.3	1.8	.5	.3	.3						4.4	12.4	12.0
290-310	.5	1.0	.7	.3								2.4	8.7	8.0
320-340	3.4	3.4	1.3									8.1	5.8	5.5
VARIABLE		.3	1.1	.2								1.6	11.6	11.0
CALM	////////////////////////////////////											23.0	////////	
TOTALS	24.9	26.8	18.2	5.0	1.9	.3						100.0	5.9	7.0

TOTAL NUMBER OF OBSERVATIONS 614

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: DEC HOURS: 12-14

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.6	1.6	1.1	.2								3.5	8.1	8.0
020-040	1.1	1.8	.5									3.4	5.9	6.0
050-070	.3	.2										.5	4.7	4.0
(E) 080-100	.3	.2	.3									.8	6.6	7.0
110-130	1.1		.3									1.4	4.2	2.0
140-160	2.4	.5										2.9	3.2	3.5
(S) 170-190	4.5	6.7	1.9	.2								13.3	6.2	6.0
200-220	5.4	9.4	5.6	1.3	.2							21.9	7.6	7.0
230-250	1.9	5.0	5.0	2.1	1.3							15.2	10.5	10.0
(W) 260-280	.5	1.6	1.3	1.6	.2							5.1	10.9	11.5
290-310	1.6	1.6	1.4	.2								4.8	7.1	7.5
320-340	3.5	2.1	1.1									6.7	5.0	4.0
VARIABLE		1.6	1.9	1.1	.2							4.8	11.8	11.0
CALM	////////////////////////////////////											15.7	////////////////////////////////	
TOTALS	23.2	32.3	20.4	6.7	1.9							100.0	6.6	7.0
TOTAL NUMBER OF OBSERVATIONS 625														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	1.7	.7									4.0	5.4	5.0
020-040	1.0	2.6	.7									4.4	6.3	6.0
050-070	.7	.7	.2									1.6	5.8	6.0
(E) 080-100			.2									.2	10.0	10.0
110-130	1.2		.2									1.4	3.6	2.5
140-160	2.6	.5	.2									3.3	3.7	3.0
(S) 170-190	5.9	6.1	1.4	.2								13.6	5.4	5.0
200-220	8.6	10.6	4.2	1.9	.3							25.7	7.2	6.0
230-250	1.7	2.8	4.0	1.6	.3							10.5	9.8	10.0
(W) 260-280	.7	3.0	2.3	1.4								7.3	9.4	9.5
290-310	1.0	1.9	.9	.2								4.0	6.7	6.0
320-340	2.1	2.1	.7									4.9	5.5	5.0
VARIABLE		.5	1.6	.3								2.4	10.9	10.0
CALM	////////////////////////////////////											16.8	////////	
TOTALS	27.1	32.5	17.3	5.6	.6							100.0	5.9	6.0
TOTAL NUMBER OF OBSERVATIONS 573														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: DEC HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.6	.9	.5									5.9	4.2	4.0
020-040	1.1	2.3										3.4	5.2	5.0
050-070	.2		.5									.7	8.3	10.0
(E) 080-100	.5	.2										.7	4.7	4.0
110-130	.9											.9	2.5	2.0
140-160	2.7	.7	.2	.5								4.1	5.6	3.5
(S) 170-190	7.3	7.6	.9	.2								16.0	5.3	5.0
200-220	3.7	10.8	2.7	.9	.9							19.0	8.0	7.0
230-250	1.1	4.6	3.0	1.8	.2							10.8	9.8	9.0
(W) 260-280		1.1	2.5	.2	.7							4.6	12.0	11.0
290-310	.5	2.3	.9	.2								3.9	8.4	8.0
320-340	2.1	2.5	.2									4.8	5.4	6.0
VARIABLE		.9	.5									1.4	9.3	9.0
CALM	////////////////////////////////////											23.8	////////	
TOTALS	24.7	33.9	11.9	3.8	1.8							100.0	5.5	6.0
TOTAL NUMBER OF OBSERVATIONS 437														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: DEC HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL &	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	1.2										3.7	3.3	4.0
020-040	2.4	4.9										7.3	5.0	5.0
050-070		1.2										1.2	5.0	5.0
(E) 080-100	2.4											2.4	1.0	1.0
110-130	3.7											3.7	3.3	3.0
140-160	6.1											6.1	2.2	2.0
(S) 170-190	3.7	9.8	1.2									14.6	6.7	7.0
200-220	1.2	8.5		2.4								12.2	8.2	6.5
230-250		2.4	6.1	3.7	1.2							13.4	12.2	10.0
(W) 260-280		2.4	1.2									3.7	10.3	9.0
290-310			1.2									1.2	11.0	11.0
320-340	1.2	3.7	1.2									6.1	6.8	7.0
VARIABLE		1.2										1.2	8.0	8.0
CALM	////////////////////////////////////											23.2	////////////////////////////////	
TOTALS	23.1	35.3	10.9	6.1	1.2							100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 82

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: DEC HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	1.4	.8	.0								4.3	5.5	5.0
020-040	1.2	2.0	.3									3.5	5.8	6.0
050-070	.3	.3	.1									.8	5.8	5.5
(E) 080-100	.2	.1	.1									.5	5.6	5.0
110-130	1.2	.0	.1									1.3	3.3	2.0
140-160	3.0	.6	.1	.1								3.8	3.6	3.0
(S) 170-190	5.9	6.5	1.3	.2								13.9	5.5	5.0
200-220	5.7	8.9	4.6	1.6	.4							21.4	7.8	7.0
230-250	1.4	4.0	4.1	2.0	.8							12.3	10.4	10.0
(W) 260-280	.4	1.6	1.9	.9	.4	.1						5.2	11.4	11.0
290-310	.8	1.4	.8	.3		.0						3.3	8.0	8.0
320-340	2.9	2.4	1.0	.0								6.4	5.7	5.0
VARIABLE		.9	1.0	.4	.1							2.4	11.3	10.0
CALM	////////////////////////////////////											20.8	////////////////////////////////	
TOTALS	25.1	30.1	16.2	5.5	1.7	.1						100.0	5.9	7.0

TOTAL NUMBER OF OBSERVATIONS 2861

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1400 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	1.8	1.3									4.6	6.7	5.5
020-040	1.1	1.5	.7									3.3	6.3	7.0
050-070	.1											.1	4.0	4.0
(E) 080-100	.2											.2	1.5	1.5
110-130	1.2											1.2	2.5	2.0
140-160	5.3	.6										5.9	2.6	2.0
(S) 170-190	9.1	8.0	1.2									18.3	4.9	5.0
200-220	6.8	10.2	3.9	1.6	.1							22.5	7.1	6.0
230-250	1.3	3.9	3.4	1.7	.7							11.0	10.4	10.0
(W) 260-280	.2	1.3	1.0	.2	.4							3.1	10.2	9.5
290-310	.6	.4		.1								1.1	5.2	4.0
320-340	3.0	1.7										4.7	4.2	4.0
VARIABLE														
CALM	////////////////////////////////////											23.8	////////////////////////////////	
TOTALS	30.4	29.4	11.5	3.6	1.2							100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 826

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VFRSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: ALL HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)													%	WIND	WIND
(N) 350-010		3.2	2.5	.6	.0	.0							6.3	5.1	4.0
020-040		2.1	3.3	.8	.0					.0			6.3	6.0	6.0
050-070		1.0	1.1	.5	.0								2.6	6.1	6.0
(E) 080-100		.6	.4	.1	.0								1.2	4.9	4.0
110-130		1.4	.6	.2									2.2	4.3	3.0
140-160		2.4	.9	.1	.0								3.5	3.9	3.0
(S) 170-190		3.9	3.8	.9	.1	.0							8.7	5.4	5.0
200-220		4.3	7.1	3.4	.7	.1	.0	.0					15.7	7.3	7.0
230-250		2.1	4.5	3.3	.8	.2	.0	.0					10.8	8.5	8.0
(W) 260-280		1.3	2.5	1.6	.4	.1	.0	.0					6.1	8.3	8.0
290-310		2.0	2.3	1.2	.2	.0	.0	.0	.0				5.6	6.8	6.0
320-340		3.8	2.7	.7	.1	.0							7.3	5.1	4.0
VARIABLE			1.7	1.5	.3	.1	.0	.0	.0				3.3	10.9	10.0
CALM		////////////////////////////////////											20.4	////////////////////////////////	
TOTALS		28.1	33.0	14.9	2.6	.5							100.0	5.3	6.0

TOTAL NUMBER OF OBSERVATIONS: 37782

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.6	3.7	.8									9.1	5.0	4.0
020-040	3.0	4.8	1.1	.0								8.9	6.0	6.0
050-070	.6	.4	.1									1.1	5.3	4.0
(E) 080-100	.3	.1										.4	2.9	3.0
110-130	1.3	.1	.0									1.3	2.5	2.0
140-160	2.6	.4	.1									3.0	2.8	2.0
(S) 170-190	5.7	5.0	.7	.1	.0							11.5	4.9	5.0
200-220	4.6	7.6	3.5	1.0	.2	.0	.0					17.0	7.4	7.0
230-250	1.2	2.3	2.1	.6	.2							6.5	8.9	9.0
(W) 260-280	.5	.5	.4	.1	.1		.0					1.6	8.3	8.0
290-310	1.9	.8	.2	.0		.0						2.9	4.4	4.0
320-340	5.4	2.0	.4									7.8	4.0	3.0
VARIABLE														
CALM	////////////////////////////////////											28.9	////////////////////////////////	
TOTALS	31.7	27.7	9.4	1.8	.5							100.0	4.2	5.0

TOTAL NUMBER OF OBSERVATIONS: 5870

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	DDDDDDDD
PPPPPPPPPP	AAAAAAAA	RRRRRRRRRR	TTTTTTTTTTT	DDDDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPPPP	AA AA	RRRRRRRRR	TT	DD DD
PPPPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	DD DD
PP	AAAAAAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DDDDDDDD
PP	AA AA	RR RR	TT	DDDDDDDD

D - 1 - 1

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET--"NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURED, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR
1/8 THRU 4/8.....SCATTERED
5/8 THRU 7/8.....BROKEN
8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"
HOWEVER, ARE INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JAN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	10.9	11.4	13.1	13.6	17.4	17.7	17.9	18.8	20.0	20.0	20.1	20.5	20.6	21.3	21.6	22.1
GE 20000	11.4	11.9	13.6	14.1	17.9	18.2	18.3	19.3	20.5	20.5	20.6	20.9	21.1	21.8	22.1	22.6
GE 18000	11.4	11.9	13.6	14.1	18.0	18.3	18.5	19.5	20.6	20.6	20.8	21.1	21.3	21.9	22.2	22.7
GE 16000	11.5	12.0	13.8	14.3	18.2	18.5	18.7	19.6	20.8	20.8	20.9	21.3	21.4	22.1	22.4	22.9
GE 14000	11.5	12.0	13.8	14.3	18.2	18.5	18.7	19.6	20.8	20.8	20.9	21.3	21.4	22.1	22.4	22.9
GE 12000	11.9	12.3	14.1	14.6	18.5	18.8	19.0	20.0	21.1	21.1	21.3	21.6	21.8	22.4	22.7	23.2
GE 10000	12.0	12.5	14.6	15.1	19.0	19.3	19.5	20.5	21.6	21.6	21.8	22.1	22.2	22.9	23.2	23.7
GE 9000	13.0	13.5	15.6	16.1	20.1	20.5	20.6	21.6	22.7	22.7	22.9	23.2	23.4	24.0	24.4	24.8
GE 8000	14.3	14.9	17.5	18.2	22.2	23.4	23.5	24.5	25.8	25.8	26.0	26.3	26.5	27.1	27.4	27.9
GE 7000	14.9	15.6	19.0	19.8	24.4	26.0	26.1	27.1	28.4	28.4	28.6	28.9	29.1	29.7	30.2	30.7
GE 6000	14.9	15.6	19.0	19.8	24.4	26.0	26.1	27.1	28.4	28.4	28.6	28.9	29.1	29.7	30.2	30.7
GE 5000	15.4	16.1	19.6	20.5	25.0	26.6	26.8	27.8	29.1	29.1	29.2	29.5	29.7	30.4	30.8	31.3
GE 4500	16.2	16.9	20.9	21.8	26.5	28.2	28.4	29.4	30.7	30.7	30.8	31.2	31.3	32.0	32.5	33.0
GE 4000	18.0	19.0	23.7	25.0	30.2	32.1	32.5	33.4	34.7	34.7	34.9	35.2	35.4	36.0	36.5	37.0
GE 3500	20.3	21.4	26.5	27.9	33.6	35.6	35.9	36.9	38.1	38.3	38.5	38.8	39.0	39.6	40.1	40.6
GE 3000	24.0	25.3	32.0	33.6	40.1	42.2	42.7	43.8	45.1	45.3	45.5	46.1	46.4	47.1	47.6	48.1
GE 2500	25.8	27.4	34.9	37.3	44.6	47.2	48.1	49.2	50.5	51.1	51.3	51.9	52.3	52.9	53.4	53.9
GE 2000	30.4	32.1	39.9	42.9	51.8	54.4	55.7	57.0	58.3	59.3	59.7	60.4	60.7	61.5	62.0	62.5
GE 1800	31.2	33.0	40.9	44.2	53.2	56.2	57.5	58.9	60.2	61.4	61.9	62.5	62.8	63.6	64.1	64.6
GE 1500	32.8	34.7	44.2	48.2	59.3	63.3	65.1	66.7	68.0	69.2	69.6	70.3	70.6	71.4	71.9	72.4
GE 1200	33.6	35.6	46.6	51.1	64.4	68.8	71.9	73.7	75.0	76.1	76.6	77.3	77.6	78.4	78.9	79.4
GE 1000	33.6	35.7	47.9	52.6	67.0	71.6	75.0	77.4	79.1	80.5	81.0	81.7	82.0	82.8	83.3	83.8
GE 900	33.6	35.7	48.2	53.4	67.9	72.4	75.8	78.4	80.0	81.5	82.0	82.6	83.0	83.8	84.3	84.7
GE 800	33.8	35.9	48.4	53.6	68.5	73.1	76.9	80.2	82.0	83.4	84.1	84.7	85.1	85.9	86.4	86.9
GE 700	33.9	36.0	48.5	54.5	70.0	74.5	78.7	82.0	83.8	85.2	85.9	86.5	87.0	88.0	88.5	89.0
GE 600	33.9	36.0	48.5	54.5	70.3	74.8	79.1	82.3	84.3	85.7	86.4	87.0	87.5	88.5	89.0	89.4
GE 500	33.9	36.0	48.5	54.5	70.6	75.3	79.7	83.1	85.1	86.9	87.5	88.3	88.8	90.1	90.6	91.2
GE 400	33.9	36.0	48.5	54.5	70.8	75.5	79.9	83.6	85.7	87.7	88.6	89.4	89.9	91.2	91.9	92.9
GE 300	33.9	36.0	48.5	54.5	71.1	75.8	80.2	84.4	87.2	89.1	90.3	91.6	92.0	93.3	94.5	95.6
GE 200	33.9	36.0	48.5	54.5	71.1	75.8	80.2	84.4	87.2	89.1	90.7	92.4	92.9	94.5	95.6	98.2
GE 100	33.9	36.0	48.5	54.5	71.1	75.8	80.2	84.4	87.2	89.1	90.7	92.4	92.9	94.5	95.6	99.8
GE 000	33.9	36.0	48.5	54.5	71.1	75.8	80.2	84.4	87.2	89.1	90.7	92.4	92.9	94.5	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS 616

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	9.3	9.4	10.5	11.8	14.9	15.3	15.6	15.8	16.2	16.5	17.0	17.1	17.5	18.2	18.2	18.2
GE 20000	11.1	11.4	12.7	14.6	18.1	18.5	18.8	19.0	19.4	19.7	20.2	20.3	20.6	21.4	21.4	21.4
GE 18000	11.4	11.7	13.1	14.9	18.4	18.8	19.1	19.3	19.7	20.0	20.5	20.6	20.9	21.7	21.7	21.7
GE 16000	11.4	11.7	13.1	14.9	18.4	18.8	19.1	19.3	19.7	20.0	20.5	20.6	20.9	21.7	21.7	21.7
GE 14000	11.4	11.7	13.1	14.9	18.4	18.8	19.1	19.3	19.7	20.0	20.5	20.6	20.9	21.7	21.7	21.7
GE 12000	11.7	12.0	13.5	15.3	18.8	19.3	19.6	19.7	20.2	20.5	20.9	21.1	21.4	22.2	22.2	22.2
GE 10000	11.8	12.1	13.7	15.5	19.6	20.0	20.3	20.5	20.9	21.2	21.7	21.9	22.2	23.1	23.1	23.1
GE 9000	13.2	13.5	15.2	17.1	21.2	21.7	22.0	22.2	22.6	22.9	23.4	23.5	23.8	24.7	24.7	24.7
GE 8000	14.6	14.9	16.8	19.1	24.3	24.7	25.0	25.3	25.8	26.1	26.6	26.7	27.5	28.4	28.4	28.4
GE 7000	14.7	15.2	17.1	19.6	25.3	26.1	26.4	26.9	27.3	28.1	28.5	28.7	29.4	30.3	30.3	30.3
GE 6000	14.7	15.3	17.3	19.7	25.5	26.3	26.6	27.0	27.5	28.4	28.8	29.0	29.7	31.0	31.0	31.0
GE 5000	15.6	16.2	18.7	21.4	27.2	28.1	28.4	28.8	29.3	30.2	30.7	30.8	31.6	32.8	32.8	32.8
GE 4500	16.4	17.0	19.9	22.8	28.5	29.6	29.9	30.3	30.8	31.7	32.2	32.3	33.1	34.3	34.3	34.3
GE 4000	19.1	20.2	24.0	27.2	33.1	34.1	34.6	35.4	35.8	36.7	37.2	37.3	38.1	39.3	39.3	39.3
GE 3500	22.0	23.1	27.0	30.2	36.4	37.5	37.9	38.7	39.2	40.1	40.8	41.0	41.7	42.9	42.9	42.9
GE 3000	26.1	27.3	33.1	37.0	44.5	45.5	46.0	46.7	47.5	48.4	49.2	49.5	50.4	51.6	51.6	51.6
GE 2500	27.8	29.1	35.4	39.8	48.4	49.5	49.9	51.0	51.9	52.8	53.6	53.9	54.8	56.0	56.0	56.0
GE 2000	31.4	32.9	40.2	45.4	55.4	56.6	57.1	58.1	59.2	60.1	61.2	61.5	62.4	63.7	63.7	63.7
GE 1800	32.8	34.3	41.7	47.0	57.1	58.3	58.7	59.8	60.8	61.8	62.8	63.1	64.0	65.4	65.4	65.4
GE 1500	34.9	36.6	45.4	51.3	62.7	64.3	64.9	66.2	67.2	68.3	69.5	69.8	70.7	72.1	72.1	72.1
GE 1200	35.5	37.2	47.5	54.2	66.9	68.7	69.7	71.9	73.1	74.4	75.6	75.9	76.8	78.1	78.1	78.1
GE 1000	36.1	37.8	49.5	56.6	71.2	73.1	74.4	76.9	78.1	79.7	81.0	81.3	82.2	83.8	83.8	83.8
GE 900	36.1	37.8	49.6	56.9	71.8	73.9	75.3	78.0	79.2	80.7	82.2	82.5	83.5	85.0	85.0	85.0
GE 800	36.1	37.8	49.8	57.1	72.1	74.2	75.6	78.5	79.7	81.2	82.9	83.2	84.1	85.7	85.7	85.7
GE 700	36.1	37.8	49.8	57.4	73.0	75.3	76.6	80.0	81.9	83.5	85.1	85.4	86.3	88.0	88.0	88.0
GE 600	36.1	37.8	50.1	57.7	74.2	76.6	78.0	81.9	84.1	85.6	87.6	87.9	88.8	90.7	90.7	90.7
GE 500	36.1	37.8	50.2	57.8	74.4	77.1	78.6	83.0	85.1	86.8	89.1	89.5	90.6	93.3	93.5	93.5
GE 400	36.1	37.8	50.2	57.8	74.5	77.4	79.1	83.5	85.6	87.3	89.8	90.3	91.4	94.4	94.5	94.7
GE 300	36.1	37.8	50.2	57.8	74.5	77.4	79.1	83.8	85.9	87.6	91.0	92.0	93.2	96.4	97.0	97.1
GE 200	36.1	37.8	50.2	57.8	74.5	77.4	79.1	83.8	85.9	87.6	91.0	92.0	93.3	96.7	97.6	98.6
GE 100	36.1	37.8	50.2	57.8	74.5	77.4	79.1	83.8	85.9	87.6	91.0	92.0	93.5	97.1	98.3	100.0
GE 000	36.1	37.8	50.2	57.8	74.5	77.4	79.1	83.8	85.9	87.6	91.0	92.0	93.5	97.1	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 659

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	11.5	11.9	13.8	15.3	18.4	18.7	18.7	18.8	19.0	20.2	21.9	21.9	22.1	22.4	22.4	22.4
GE 20000	13.0	13.6	15.8	17.6	21.1	21.4	21.4	21.6	21.7	23.0	24.7	24.7	25.0	25.3	25.3	25.3
GE 18000	13.5	14.1	16.2	18.1	21.6	21.9	21.9	22.1	22.2	23.4	25.1	25.1	25.4	25.7	25.7	25.7
GE 16000	13.5	14.1	16.2	18.1	21.6	21.9	21.9	22.1	22.2	23.4	25.1	25.1	25.4	25.7	25.7	25.7
GE 14000	13.6	14.2	16.4	18.2	21.7	22.1	22.1	22.2	22.4	23.6	25.3	25.3	25.6	25.9	25.9	25.9
GE 12000	14.1	14.7	16.8	18.7	22.2	22.5	22.5	22.7	22.8	24.0	25.7	25.7	26.0	26.3	26.3	26.3
GE 10000	14.9	15.5	17.6	19.3	23.4	23.7	23.7	23.9	24.0	25.3	27.0	27.0	27.3	27.6	27.6	27.6
GE 9000	15.3	15.9	18.4	21.0	25.4	25.7	25.7	25.9	26.0	27.4	29.1	29.1	29.4	29.7	29.7	29.7
GE 8000	16.4	17.3	20.7	23.6	28.6	28.9	28.9	29.1	29.4	30.8	32.5	32.6	32.9	33.2	33.2	33.2
GE 7000	17.6	18.7	22.5	25.9	31.4	31.9	32.0	32.2	32.5	33.8	35.5	35.7	36.0	36.3	36.3	36.3
GE 6000	17.6	18.7	22.5	25.9	31.4	31.9	32.0	32.2	32.5	34.3	36.0	36.1	36.4	37.2	37.2	37.2
GE 5000	18.4	19.4	23.4	26.8	32.5	32.9	33.1	33.2	33.5	35.4	37.1	37.2	37.5	38.3	38.3	38.3
GE 4500	18.8	19.9	24.0	27.6	33.2	33.7	34.0	34.2	34.5	36.3	38.0	38.1	38.4	39.2	39.2	39.2
GE 4000	21.0	22.2	27.0	30.6	36.4	36.9	37.2	37.4	37.7	39.5	41.2	41.3	41.7	42.4	42.4	42.4
GE 3500	24.3	25.6	31.4	35.4	41.7	42.1	42.6	42.7	43.2	45.0	46.7	46.9	47.2	47.9	47.9	47.9
GE 3000	29.2	30.9	38.0	42.3	48.9	49.3	49.8	49.9	50.5	52.4	54.1	54.2	54.5	55.3	55.3	55.3
GE 2500	30.8	32.6	40.7	45.8	53.1	53.6	54.1	54.2	55.0	56.8	58.5	58.8	59.4	60.2	60.2	60.2
GE 2000	34.3	36.1	46.7	52.2	60.9	61.4	62.0	62.2	62.9	64.9	66.6	66.9	67.5	68.3	68.3	68.3
GE 1800	35.5	37.4	48.2	54.1	63.2	63.7	64.3	64.5	65.2	67.2	68.9	69.2	69.8	70.6	70.6	70.6
GE 1500	37.8	39.7	51.5	57.6	67.4	68.3	69.1	70.1	70.9	72.9	74.7	75.0	75.7	76.6	76.6	76.6
GE 1200	39.2	41.0	53.3	60.0	70.8	72.1	73.2	74.9	75.7	77.8	79.6	79.9	80.6	81.5	81.5	81.5
GE 1000	40.3	42.1	55.3	62.2	75.2	76.7	77.9	79.8	80.6	82.8	84.8	85.1	85.9	86.8	86.8	86.8
GE 900	40.3	42.1	55.3	62.2	75.5	77.0	78.3	80.2	81.0	83.3	85.3	85.6	86.4	87.4	87.4	87.4
GE 800	40.3	42.1	55.3	62.5	76.3	77.9	79.3	81.6	82.4	84.8	86.8	87.1	87.9	89.6	89.6	89.6
GE 700	40.3	42.1	55.6	63.1	77.9	79.9	81.5	83.8	84.5	87.0	89.3	89.6	90.4	92.0	92.0	92.0
GE 600	40.3	42.1	55.7	63.4	79.0	81.6	83.3	86.1	87.0	89.4	91.7	92.2	93.4	95.3	95.3	95.3
GE 500	40.3	42.1	55.7	63.4	79.3	81.9	83.6	86.4	87.4	90.7	93.1	93.6	95.1	97.4	97.4	97.4
GE 400	40.3	42.1	55.7	63.4	79.3	81.9	83.6	86.8	87.9	91.3	93.9	94.8	96.3	98.6	98.6	98.6
GE 300	40.3	42.1	55.7	63.4	79.3	81.9	83.6	86.8	87.9	91.3	94.2	95.3	96.8	99.1	99.7	99.7
GE 200	40.3	42.1	55.7	63.4	79.3	81.9	83.6	86.8	87.9	91.3	94.2	95.3	96.8	99.2	100.0	100.0
GE 100	40.3	42.1	55.7	63.4	79.3	81.9	83.6	86.8	87.9	91.3	94.2	95.3	96.8	99.2	100.0	100.0
GE 000	40.3	42.1	55.7	63.4	79.3	81.9	83.6	86.8	87.9	91.3	94.2	95.3	96.8	99.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 653

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	12.3	12.6	15.8	16.7	19.4	20.1	20.4	20.7	20.9	21.5	23.7	23.7	24.2	24.2	24.2	24.2
GE 20000	14.2	14.6	18.5	19.6	22.3	22.9	23.2	23.6	23.9	24.5	26.8	26.8	27.2	27.2	27.2	27.2
GE 18000	14.6	15.1	18.9	20.2	22.9	23.6	23.9	24.2	24.5	25.2	27.4	27.4	27.9	27.9	27.9	27.9
GE 16000	14.6	15.1	18.9	20.2	22.9	23.6	23.9	24.2	24.5	25.2	27.4	27.4	27.9	27.9	27.9	27.9
GE 14000	15.1	15.6	19.4	20.7	23.4	24.0	24.4	24.7	25.0	25.6	27.9	27.9	28.3	28.3	28.3	28.3
GE 12000	15.3	15.8	19.9	21.2	23.9	24.5	24.8	25.2	25.5	26.1	28.3	28.3	28.8	28.8	28.8	28.8
GE 10000	16.2	16.7	21.5	23.1	26.0	26.6	26.9	27.2	27.5	28.2	30.4	30.4	30.9	30.9	30.9	30.9
GE 9000	17.2	17.7	22.6	24.5	28.0	28.7	29.0	29.3	29.8	30.4	32.6	32.6	33.1	33.1	33.1	33.1
GE 8000	18.6	19.3	24.4	26.6	30.4	31.2	31.5	31.8	32.3	33.0	35.2	35.2	35.8	36.0	36.0	36.0
GE 7000	20.4	21.5	26.8	29.1	33.1	34.1	34.4	35.0	35.5	36.5	38.9	38.9	39.5	39.6	39.6	39.6
GE 6000	20.5	21.8	27.1	29.5	33.4	34.4	34.7	35.4	35.8	36.8	39.2	39.2	39.8	40.1	40.1	40.1
GE 5000	21.7	23.1	28.5	30.9	35.0	36.0	36.3	36.9	37.4	38.4	40.8	40.8	41.4	41.7	41.7	41.7
GE 4500	22.9	24.4	29.9	32.5	36.9	37.9	38.2	38.9	39.3	40.3	42.7	42.7	43.3	43.6	43.6	43.6
GE 4000	24.2	26.3	31.8	34.6	39.0	40.0	40.3	40.9	41.6	42.5	44.9	44.9	45.5	45.9	45.9	45.9
GE 3500	26.4	28.8	35.4	38.2	42.8	43.9	44.3	44.9	45.5	46.5	48.9	48.9	49.5	49.8	49.8	49.8
GE 3000	31.5	33.9	41.7	45.1	49.7	50.8	51.1	51.8	52.4	53.3	55.7	55.9	56.7	57.0	57.0	57.0
GE 2500	33.8	36.1	45.2	48.7	54.5	55.7	56.1	57.3	58.0	58.9	61.3	61.8	62.6	62.9	62.9	62.9
GE 2000	37.3	39.6	51.0	55.4	62.1	63.5	64.0	65.4	66.1	67.0	69.4	69.9	70.9	71.2	71.2	71.2
GE 1800	37.7	40.1	52.1	56.5	63.7	65.4	66.1	67.5	68.2	69.1	71.5	72.0	72.9	73.2	73.2	73.2
GE 1500	41.7	44.1	57.0	61.6	69.9	71.8	72.5	74.4	75.3	76.3	78.7	79.5	80.6	80.9	80.9	80.9
GE 1200	42.8	45.2	59.7	65.0	73.6	75.6	76.3	78.2	79.3	80.3	82.8	83.6	84.7	85.0	85.0	85.0
GE 1000	43.3	45.7	61.3	67.0	76.3	78.7	79.3	81.4	82.6	83.6	86.1	86.9	88.1	88.4	88.4	88.4
GE 900	43.3	45.7	61.5	67.2	76.6	79.3	79.9	82.0	83.3	84.2	86.8	87.6	88.7	89.3	89.3	89.3
GE 800	43.3	45.7	61.5	67.4	77.5	80.4	81.1	83.3	84.6	85.5	88.4	89.2	90.3	91.1	91.1	91.1
GE 700	43.3	45.7	61.5	67.4	78.5	81.4	82.3	85.0	86.3	87.3	90.4	91.4	92.5	93.3	93.3	93.3
GE 600	43.3	45.7	61.6	67.7	79.3	82.2	83.3	86.1	87.4	88.5	91.7	92.7	94.1	94.9	94.9	94.9
GE 500	43.3	45.7	61.6	67.8	79.9	83.1	84.2	87.3	88.7	89.8	93.6	94.7	96.7	97.5	97.5	97.5
GE 400	43.3	45.7	61.6	67.8	79.9	83.1	84.2	87.3	88.9	90.3	94.4	96.2	98.1	98.9	98.9	98.9
GE 300	43.3	45.7	61.6	67.8	79.9	83.1	84.2	87.3	89.0	90.8	94.9	97.0	98.9	99.7	99.7	99.7
GE 200	43.3	45.7	61.6	67.8	79.9	83.1	84.2	87.3	89.0	90.8	94.9	97.0	98.9	99.8	100.0	100.0
GE 100	43.3	45.7	61.6	67.8	79.9	83.1	84.2	87.3	89.0	90.8	94.9	97.0	98.9	99.8	100.0	100.0
GE 000	43.3	45.7	61.6	67.8	79.9	83.1	84.2	87.3	89.0	90.8	94.9	97.0	98.9	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 628

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JAN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	15.6	16.2	19.8	20.2	25.1	25.7	25.9	26.3	26.5	26.9	29.1	29.3	30.3	30.7	30.7	30.7
GE 20000	16.6	17.4	21.4	21.8	26.9	27.5	27.7	28.3	28.5	29.1	31.5	31.7	32.7	33.1	33.1	33.1
GE 18000	17.2	18.0	22.0	22.4	27.5	28.1	28.3	28.9	29.1	29.7	32.1	32.3	33.3	33.7	33.7	33.7
GE 16000	17.2	18.0	22.0	22.4	27.5	28.1	28.3	28.9	29.1	29.7	32.1	32.3	33.3	33.7	33.7	33.7
GE 14000	17.4	18.2	22.2	22.6	27.7	28.3	28.5	29.1	29.3	29.9	32.3	32.5	33.5	33.9	33.9	33.9
GE 12000	17.4	18.2	22.2	22.6	27.7	28.3	28.5	29.1	29.3	29.9	32.3	32.5	33.5	33.9	33.9	33.9
GE 10000	18.2	19.0	23.2	23.6	28.7	29.3	29.5	30.1	30.3	30.9	33.3	33.5	34.5	34.9	34.9	34.9
GE 9000	19.4	20.2	24.6	25.0	30.1	31.1	31.3	32.1	32.3	32.9	35.2	35.4	36.4	36.8	36.8	36.8
GE 8000	20.2	21.0	25.5	26.1	32.3	33.3	33.5	34.3	34.5	35.0	37.6	38.0	39.0	40.0	40.0	40.0
GE 7000	21.6	22.6	27.3	27.9	34.9	36.0	36.2	37.2	37.4	38.0	40.6	41.0	42.0	43.0	43.0	43.0
GE 6000	21.6	22.6	27.3	27.9	34.9	36.0	36.2	37.2	37.4	38.0	40.6	41.0	42.0	43.0	43.0	43.0
GE 5000	22.8	23.8	28.9	29.5	36.4	37.6	37.8	38.8	39.0	39.6	42.2	42.6	43.6	44.6	44.6	44.6
GE 4500	23.6	25.0	30.5	31.1	38.0	39.2	39.4	40.4	40.6	41.2	43.8	44.2	45.1	46.1	46.1	46.1
GE 4000	26.1	27.5	33.7	34.3	41.6	43.2	43.4	44.4	44.6	45.1	47.7	48.1	49.1	50.1	50.1	50.1
GE 3500	28.7	30.5	37.6	38.6	46.9	48.7	48.9	49.9	50.1	50.7	53.3	53.7	54.7	55.6	55.6	55.6
GE 3000	32.7	34.5	43.0	44.2	52.7	54.7	55.0	56.0	56.2	56.8	59.4	59.8	61.4	62.4	62.4	62.4
GE 2500	36.2	38.0	47.3	48.7	58.2	60.2	60.6	62.4	62.6	63.2	65.7	66.1	67.7	68.7	68.7	68.7
GE 2000	39.0	40.8	51.3	53.9	64.8	67.1	67.5	69.3	69.5	70.1	72.7	73.1	74.7	75.6	75.6	75.6
GE 1800	39.6	41.4	52.3	55.0	67.1	69.7	70.1	72.3	72.5	73.1	75.6	76.0	77.6	78.6	78.6	78.6
GE 1500	40.4	42.2	53.9	56.8	70.7	74.1	74.5	76.8	77.0	77.6	80.2	80.6	82.2	83.2	83.2	83.2
GE 1200	40.6	42.4	55.2	58.2	73.1	76.6	77.2	80.0	80.2	81.0	84.0	84.4	85.9	86.9	86.9	86.9
GE 1000	40.8	42.6	56.4	59.6	74.7	78.4	79.0	82.0	82.2	83.0	85.9	86.3	87.9	88.9	88.9	88.9
GE 900	41.0	42.8	56.6	60.2	76.2	80.4	81.0	84.0	84.2	85.0	87.9	88.3	89.9	90.9	90.9	90.9
GE 800	41.0	42.8	56.8	60.4	76.6	81.2	82.2	85.5	85.7	86.5	89.5	89.9	91.5	92.5	92.5	92.5
GE 700	41.0	42.8	56.8	60.8	77.8	82.4	83.4	86.9	87.1	87.9	91.1	91.9	93.5	94.5	94.5	94.5
GE 600	41.0	42.8	57.0	61.0	78.0	83.2	84.2	87.7	87.9	88.9	92.1	92.9	94.5	95.4	95.4	95.4
GE 500	41.0	42.8	57.0	61.0	78.4	84.0	85.1	88.7	88.9	89.9	93.1	94.3	95.8	97.0	97.2	97.2
GE 400	41.0	42.8	57.0	61.0	78.4	84.0	85.3	89.3	89.5	90.5	93.9	95.0	96.6	97.8	98.0	98.0
GE 300	41.0	42.8	57.0	61.0	78.4	84.0	85.3	89.3	89.7	91.1	94.5	96.2	97.8	99.0	99.2	99.2
GE 200	41.0	42.8	57.0	61.0	78.4	84.0	85.3	89.3	89.7	91.1	94.5	96.2	98.0	99.4	99.6	100.0
GE 100	41.0	42.8	57.0	61.0	78.4	84.0	85.3	89.3	89.7	91.1	94.5	96.2	98.0	99.4	99.6	100.0
GE 000	41.0	42.8	57.0	61.0	78.4	84.0	85.3	89.3	89.7	91.1	94.5	96.2	98.0	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 505

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JAN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	17.9	18.8	22.2	22.2	25.6	26.5	26.5	26.5	27.4	28.2	29.9	29.9	30.8	32.5	32.5	32.5
GE 20000	18.8	19.7	23.1	23.1	27.4	28.2	28.2	28.2	29.1	29.9	31.6	31.6	32.5	34.2	34.2	34.2
GE 18000	19.7	20.5	23.9	23.9	28.2	29.1	29.1	29.1	29.9	30.8	32.5	32.5	33.3	35.0	35.0	35.0
GE 16000	19.7	20.5	23.9	23.9	28.2	29.1	29.1	29.1	29.9	30.8	32.5	32.5	33.3	35.0	35.0	35.0
GE 14000	19.7	20.5	23.9	23.9	28.2	29.1	29.1	29.1	29.9	30.8	32.5	32.5	33.3	35.0	35.0	35.0
GE 12000	21.4	22.2	25.6	25.6	29.9	30.8	30.8	30.8	31.6	32.5	34.2	34.2	35.0	36.8	36.8	36.8
GE 10000	21.4	22.2	25.6	25.6	29.9	30.8	30.8	30.8	31.6	32.5	34.2	34.2	35.0	36.8	36.8	36.8
GE 9000	21.4	22.2	25.6	25.6	29.9	30.8	30.8	31.6	32.5	33.3	35.0	35.0	35.9	37.6	37.6	37.6
GE 8000	23.9	24.8	28.2	28.2	32.5	33.3	34.2	35.0	35.9	37.6	39.3	40.2	41.0	42.7	42.7	42.7
GE 7000	24.8	25.6	29.9	29.9	35.9	36.8	37.6	38.5	39.3	41.0	42.7	43.6	44.4	46.2	46.2	46.2
GE 6000	24.8	25.6	29.9	29.9	35.9	36.8	37.6	38.5	39.3	41.0	42.7	43.6	44.4	46.2	46.2	46.2
GE 5000	25.6	26.5	31.6	31.6	37.6	38.5	39.3	40.2	41.0	42.7	44.4	45.3	46.2	47.9	47.9	47.9
GE 4500	26.5	27.4	32.5	32.5	38.5	39.3	40.2	41.0	41.9	43.6	45.3	46.2	47.0	48.7	48.7	48.7
GE 4000	29.9	30.8	36.8	36.8	42.7	43.6	44.4	45.3	46.2	47.9	49.6	50.4	51.3	53.0	53.0	53.0
GE 3500	33.3	34.2	41.0	41.0	47.9	48.7	49.6	50.4	51.3	53.0	54.7	55.6	56.4	58.1	58.1	58.1
GE 3000	37.6	38.5	46.2	47.0	55.6	56.4	57.3	58.1	59.0	60.7	62.4	63.2	64.1	65.8	65.8	65.8
GE 2500	39.3	40.2	48.7	49.6	59.8	60.7	61.5	62.4	63.2	65.0	66.7	67.5	68.4	70.1	70.1	70.1
GE 2000	41.0	41.9	52.1	54.7	65.0	65.8	66.7	67.5	68.4	70.1	71.8	72.6	73.5	75.2	75.2	75.2
GE 1800	41.9	42.7	53.8	57.3	69.2	70.1	70.9	71.8	72.6	74.4	76.1	76.9	77.8	79.5	79.5	79.5
GE 1500	42.7	43.6	56.4	59.8	72.6	75.2	76.1	76.9	77.8	79.5	81.2	82.1	82.9	84.6	84.6	84.6
GE 1200	43.6	44.4	58.1	61.5	76.9	79.5	80.3	81.2	82.1	83.8	85.5	87.2	88.0	89.7	89.7	89.7
GE 1000	43.6	44.4	58.1	61.5	76.9	79.5	80.3	81.2	82.1	83.8	85.5	87.2	88.0	89.7	89.7	89.7
GE 900	43.6	44.4	58.1	62.4	78.6	81.2	82.1	82.9	83.8	85.5	87.2	88.9	89.7	91.5	91.5	91.5
GE 800	43.6	44.4	58.1	62.4	78.6	82.1	82.9	84.6	85.5	87.2	88.9	90.6	91.5	93.2	93.2	93.2
GE 700	43.6	44.4	58.1	62.4	79.5	82.9	83.8	85.5	86.3	88.0	89.7	91.5	92.3	94.0	94.0	94.0
GE 600	43.6	44.4	58.1	62.4	79.5	82.9	83.8	85.5	86.3	88.0	89.7	91.5	92.3	94.0	94.0	94.0
GE 500	43.6	44.4	58.1	62.4	79.5	82.9	84.6	86.3	87.2	88.9	90.6	92.3	93.2	94.9	94.9	94.9
GE 400	43.6	44.4	58.1	62.4	79.5	82.9	84.6	88.0	88.9	90.6	92.3	94.0	94.9	97.4	97.4	97.4
GE 300	43.6	44.4	58.1	62.4	79.5	82.9	84.6	88.0	88.9	90.6	92.3	94.9	95.7	98.3	98.3	98.3
GE 200	43.6	44.4	58.1	62.4	79.5	82.9	84.6	88.0	88.9	90.6	92.3	94.9	95.7	99.1	99.1	99.1
GE 100	43.6	44.4	58.1	62.4	79.5	82.9	84.6	88.0	88.9	90.6	92.3	94.9	95.7	99.1	99.1	100.0
GE 000	43.6	44.4	58.1	62.4	79.5	82.9	84.6	88.0	88.9	90.6	92.3	94.9	95.7	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 117

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JAN HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	12.0	12.4	14.6	15.6	19.0	19.5	19.7	20.0	20.5	21.0	22.3	22.5	22.9	23.3	23.4	23.5
GE 20000	13.3	13.8	16.4	17.6	21.2	21.7	21.9	22.3	22.8	23.3	24.7	24.8	25.3	25.7	25.8	25.9
GE 18000	13.7	14.2	16.8	18.0	21.7	22.2	22.3	22.8	23.2	23.8	25.1	25.3	25.7	26.2	26.2	26.3
GE 16000	13.7	14.3	16.8	18.0	21.7	22.2	22.4	22.8	23.3	23.8	25.2	25.3	25.7	26.2	26.3	26.4
GE 14000	13.9	14.4	17.0	18.2	21.9	22.3	22.5	22.9	23.4	24.0	25.3	25.5	25.9	26.4	26.4	26.5
GE 12000	14.2	14.7	17.4	18.6	22.3	22.8	22.9	23.3	23.8	24.4	25.7	25.9	26.3	26.8	26.8	26.9
GE 10000	14.7	15.3	18.2	19.4	23.3	23.8	24.0	24.4	24.9	25.5	26.8	26.9	27.4	27.9	27.9	28.0
GE 9000	15.7	16.2	19.3	20.7	25.0	25.5	25.7	26.1	26.7	27.2	28.6	28.7	29.2	29.7	29.7	29.8
GE 8000	16.9	17.6	21.1	22.8	27.6	28.3	28.5	29.0	29.6	30.2	31.6	31.8	32.4	33.0	33.1	33.2
GE 7000	17.9	18.8	22.6	24.5	29.8	30.8	31.1	31.7	32.3	33.0	34.5	34.7	35.2	35.9	36.0	36.1
GE 6000	18.0	18.9	22.7	24.6	29.9	30.9	31.2	31.8	32.3	33.3	34.7	34.9	35.5	36.3	36.4	36.5
GE 5000	18.8	19.8	23.9	25.9	31.2	32.3	32.5	33.1	33.7	34.6	36.0	36.2	36.8	37.6	37.7	37.8
GE 4500	19.7	20.7	25.1	27.2	32.6	33.7	34.0	34.6	35.2	36.1	37.5	37.7	38.3	39.1	39.2	39.3
GE 4000	21.8	23.1	28.1	30.4	36.1	37.3	37.6	38.3	38.9	39.8	41.2	41.4	42.0	42.8	42.9	43.0
GE 3500	24.5	26.0	31.7	34.1	40.3	41.5	41.9	42.6	43.2	44.2	45.7	45.9	46.4	47.3	47.4	47.5
GE 3000	28.9	30.5	37.6	40.5	47.3	48.6	49.0	49.7	50.4	51.4	52.9	53.2	54.0	54.8	54.9	55.0
GE 2500	31.0	32.7	40.7	44.1	51.8	53.2	53.7	54.8	55.6	56.6	58.1	58.5	59.3	60.2	60.3	60.4
GE 2000	34.5	36.3	45.8	50.0	59.0	60.5	61.2	62.3	63.1	64.3	65.9	66.3	67.1	68.0	68.1	68.2
GE 1800	35.4	37.3	47.1	51.4	61.0	62.6	63.3	64.5	65.4	66.5	68.1	68.6	69.4	70.3	70.4	70.5
GE 1500	37.5	39.5	50.4	55.2	66.0	68.4	69.2	70.8	71.7	72.9	74.5	75.0	75.9	76.8	76.9	77.0
GE 1200	38.5	40.3	52.5	57.8	69.9	72.5	73.7	75.7	76.7	78.0	79.7	80.3	81.2	82.1	82.2	82.3
GE 1000	38.9	40.8	54.1	59.7	73.0	75.7	77.2	79.5	80.5	81.9	83.8	84.3	85.2	86.2	86.2	86.3
GE 900	39.0	40.9	54.3	60.1	73.7	76.6	78.1	80.5	81.5	82.9	84.8	85.3	86.2	87.3	87.4	87.5
GE 800	39.0	40.9	54.4	60.3	74.3	77.4	79.0	81.7	82.8	84.3	86.3	86.8	87.7	89.0	89.0	89.1
GE 700	39.0	40.9	54.5	60.7	75.5	78.7	80.5	83.4	84.7	86.2	88.3	88.9	89.9	91.1	91.2	91.3
GE 600	39.0	40.9	54.6	60.9	76.2	79.7	81.5	84.7	86.1	87.6	89.8	90.5	91.6	92.9	93.0	93.1
GE 500	39.0	40.9	54.7	61.0	76.6	80.2	82.2	85.6	87.0	88.8	91.2	92.0	93.3	95.0	95.2	95.3
GE 400	39.0	40.9	54.7	61.0	76.7	80.3	82.4	86.0	87.5	89.4	92.1	93.1	94.4	96.2	96.4	96.6
GE 300	39.0	40.9	54.7	61.0	76.7	80.4	82.4	86.2	87.9	89.9	92.9	94.3	95.7	97.5	98.0	98.2
GE 200	39.0	40.9	54.7	61.0	76.7	80.4	82.4	86.2	87.9	89.9	93.0	94.5	95.9	97.9	98.6	99.3
GE 100	39.0	40.9	54.7	61.0	76.7	80.4	82.4	86.2	87.9	89.9	93.0	94.5	95.9	98.0	98.7	100.0
GE 000	39.0	40.9	54.7	61.0	76.7	80.4	82.4	86.2	87.9	89.9	93.0	94.5	95.9	98.0	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 3178

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: FEB HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	10.4	12.3	15.4	16.9	20.4	21.7	23.7	25.7	27.5	28.4	29.4	29.9	30.3	31.2	32.5	33.0
GE 20000	11.1	12.9	16.3	17.7	21.4	22.7	24.9	27.2	29.2	30.2	31.7	32.2	32.7	33.5	34.8	35.8
GE 18000	11.1	12.9	16.3	17.7	21.4	22.7	24.9	27.2	29.2	30.2	31.7	32.2	32.7	33.5	34.8	35.8
GE 16000	11.1	12.9	16.3	17.7	21.4	22.7	24.9	27.2	29.2	30.2	31.7	32.2	32.7	33.5	34.8	35.8
GE 14000	11.1	12.9	16.3	17.9	21.6	22.9	25.0	27.4	29.4	30.3	31.8	32.3	32.8	33.7	35.0	36.0
GE 12000	11.1	12.9	16.3	18.1	21.7	23.1	25.2	27.5	29.5	30.5	32.0	32.5	33.0	33.8	35.2	36.2
GE 10000	11.4	13.3	16.9	18.7	22.4	23.7	25.9	28.2	30.2	31.2	32.7	33.2	33.7	34.5	35.8	36.8
GE 9000	12.4	14.3	18.2	20.2	23.9	25.2	27.4	29.7	31.7	32.7	34.2	34.7	35.2	36.0	37.3	38.3
GE 8000	13.6	15.6	19.7	21.7	25.5	27.2	29.4	32.0	34.2	35.2	36.7	37.1	37.6	38.5	39.8	40.8
GE 7000	13.9	15.9	20.2	22.4	26.7	28.5	30.7	33.5	35.7	36.7	38.1	38.6	39.3	40.1	41.5	42.5
GE 6000	13.9	15.9	20.2	22.4	26.7	28.7	30.8	33.7	35.8	36.8	38.3	38.8	39.5	40.3	41.6	42.6
GE 5000	15.1	17.1	21.7	24.0	28.9	30.8	33.0	35.8	38.0	39.0	40.5	41.0	41.6	42.5	43.8	44.8
GE 4500	16.1	18.1	22.9	25.2	30.7	32.7	35.0	37.8	40.0	41.1	42.6	43.1	43.8	44.6	45.9	46.9
GE 4000	17.4	19.4	24.9	27.2	32.7	34.7	37.0	40.0	42.5	43.6	45.3	45.8	46.4	47.3	48.6	49.6
GE 3500	20.1	22.1	28.0	30.7	36.8	39.0	41.6	44.6	47.3	48.4	50.1	50.6	51.2	52.1	53.4	54.4
GE 3000	22.2	24.4	31.7	34.5	41.8	44.1	47.1	50.6	53.9	55.1	56.9	57.7	58.4	59.2	60.9	61.9
GE 2500	23.9	26.0	34.0	37.0	44.8	47.3	50.4	53.9	57.2	58.5	60.4	61.2	61.9	62.7	64.3	65.3
GE 2000	24.9	27.2	36.2	39.3	47.8	51.1	54.2	58.0	61.5	62.9	64.7	66.0	66.7	67.8	69.5	70.5
GE 1800	25.0	27.4	36.3	39.6	48.3	51.6	54.7	58.7	62.4	63.7	65.5	66.8	67.5	68.7	70.3	71.3
GE 1500	26.4	29.0	38.6	42.3	53.1	57.2	61.0	65.0	68.7	70.1	72.1	73.5	74.1	75.3	76.9	77.9
GE 1200	26.5	29.4	39.8	44.3	57.9	62.2	66.2	70.5	74.3	76.5	78.4	79.8	80.4	81.6	83.3	84.2
GE 1000	26.5	29.7	40.3	44.8	58.5	63.2	67.5	72.0	76.0	78.1	80.1	81.4	82.3	83.4	85.1	86.1
GE 900	26.7	29.9	40.6	45.1	59.4	64.0	68.3	72.8	76.8	78.9	80.9	82.3	83.1	84.2	85.9	86.9
GE 800	26.7	29.9	40.6	45.1	59.5	64.3	68.8	73.3	77.6	79.8	81.8	83.1	84.1	85.2	86.9	87.9
GE 700	26.7	29.9	41.5	46.1	61.2	66.2	70.6	75.1	79.4	81.9	84.1	85.4	86.4	87.7	89.4	90.4
GE 600	26.7	29.9	41.6	46.4	61.5	66.5	71.0	75.6	80.1	82.6	85.1	86.4	87.4	88.7	90.4	91.4
GE 500	26.7	29.9	41.6	46.4	61.5	66.5	71.0	76.1	80.8	83.6	86.4	88.2	89.4	90.7	92.4	93.4
GE 400	26.7	29.9	41.6	46.4	61.5	66.5	71.0	76.3	81.1	83.9	86.7	88.6	89.9	91.2	93.0	94.5
GE 300	26.7	29.9	41.6	46.4	61.5	66.5	71.0	76.3	81.1	84.1	86.9	88.7	90.2	91.5	93.4	95.4
GE 200	26.7	29.9	41.6	46.4	61.5	66.5	71.0	76.3	81.1	84.2	87.1	88.9	91.0	92.4	94.5	97.7
GE 100	26.7	29.9	41.6	46.4	61.5	66.5	71.0	76.3	81.1	84.2	87.1	88.9	91.0	92.4	94.5	100.0
GE 000	26.7	29.9	41.6	46.4	61.5	66.5	71.0	76.3	81.1	84.2	87.1	88.9	91.0	92.4	94.5	100.0

TOTAL NUMBER OF OBSERVATIONS 603

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	7.2	8.9	11.1	11.6	17.7	18.5	20.2	22.5	23.7	25.5	26.9	27.2	27.4	27.5	28.3	29.6
GE 20000	8.4	10.5	14.0	14.6	21.2	22.0	23.9	26.3	27.9	30.3	32.0	32.5	32.6	32.8	33.8	35.2
GE 18000	8.4	10.5	14.0	14.6	21.2	22.0	23.9	26.3	27.9	30.3	32.0	32.5	32.6	32.8	33.8	35.2
GE 16000	8.4	10.5	14.0	15.0	21.5	22.3	24.2	26.6	28.2	30.6	32.3	32.8	33.0	33.1	34.1	35.5
GE 14000	8.6	10.7	14.2	15.1	21.7	22.5	24.5	26.9	28.5	30.9	32.6	33.1	33.3	33.4	34.4	35.8
GE 12000	8.8	10.8	14.3	15.3	21.8	22.6	24.7	27.1	28.7	31.1	33.0	33.4	33.6	33.8	34.7	36.1
GE 10000	9.6	11.6	15.1	16.1	22.8	23.6	25.6	28.0	29.8	32.2	34.1	34.6	34.9	35.0	36.0	37.4
GE 9000	9.9	11.9	15.8	16.7	23.6	24.4	26.4	28.8	30.7	33.1	35.0	35.5	35.8	36.0	36.9	38.4
GE 8000	11.0	13.1	17.7	18.6	25.6	26.8	29.0	31.4	33.4	36.1	38.2	38.7	39.0	39.2	40.1	41.6
GE 7000	11.6	13.7	18.8	20.2	28.0	29.1	31.4	33.8	36.0	38.7	40.8	41.2	41.6	41.7	42.7	44.1
GE 6000	11.6	13.7	18.8	20.2	28.0	29.3	31.5	33.9	36.1	38.9	40.9	41.4	41.7	41.9	42.8	44.3
GE 5000	12.9	15.0	20.2	21.8	29.8	31.1	33.3	35.7	37.9	40.6	42.7	43.2	43.5	43.6	44.6	46.0
GE 4500	13.5	15.6	20.9	22.5	30.6	31.8	34.4	36.9	39.2	42.0	44.1	44.6	44.9	45.1	46.0	47.5
GE 4000	15.9	18.0	23.6	25.3	33.4	34.7	37.3	40.0	42.7	45.5	47.8	48.2	48.6	48.7	49.7	51.1
GE 3500	18.0	20.2	26.1	28.0	36.6	38.1	40.9	43.6	46.3	49.2	51.4	51.9	52.2	52.4	53.3	54.8
GE 3000	21.3	23.7	30.3	32.5	42.0	43.5	46.7	50.2	52.9	55.9	58.1	58.6	59.1	59.2	60.5	61.9
GE 2500	24.0	26.4	33.4	35.7	46.0	47.9	51.4	55.3	58.0	61.1	63.7	64.2	65.0	65.1	66.4	67.8
GE 2000	26.0	28.7	36.8	39.2	51.0	53.3	57.0	61.0	63.7	67.2	70.2	70.9	71.7	72.0	73.2	74.7
GE 1800	26.0	28.7	36.8	39.2	51.1	53.8	57.5	61.5	64.2	67.7	70.7	71.3	72.1	72.5	73.7	75.2
GE 1500	27.4	30.1	38.5	41.2	55.9	59.2	63.2	67.7	70.4	74.2	77.5	78.2	79.0	79.6	80.9	82.3
GE 1200	27.5	30.3	39.3	42.4	59.2	63.1	67.0	71.5	74.5	78.5	82.0	83.0	83.8	84.4	85.7	87.1
GE 1000	27.5	30.3	39.8	43.5	61.0	65.8	69.7	74.4	77.5	81.8	85.4	86.6	87.4	88.1	89.3	90.8
GE 900	27.5	30.3	39.8	43.5	61.0	65.9	69.9	74.7	77.9	82.2	85.7	86.9	87.7	88.4	89.6	91.1
GE 800	27.5	30.3	39.8	43.5	61.0	65.9	70.2	75.0	78.2	82.5	86.0	87.3	88.1	88.7	90.0	91.4
GE 700	27.5	30.3	40.1	43.8	61.5	66.6	70.9	76.0	79.1	83.6	87.1	88.5	89.3	90.1	91.4	93.0
GE 600	27.5	30.3	40.1	43.8	61.9	67.0	71.3	76.6	79.8	84.2	87.7	89.2	90.0	90.8	92.2	93.9
GE 500	27.5	30.3	40.1	43.8	61.9	67.0	71.3	76.6	80.1	84.6	88.5	90.4	91.2	92.0	93.5	95.2
GE 400	27.5	30.3	40.1	43.8	62.3	67.4	71.7	76.9	80.4	85.0	89.0	90.9	91.7	92.7	94.3	96.3
GE 300	27.5	30.3	40.1	43.8	62.3	67.4	71.7	76.9	80.4	85.0	89.0	90.9	91.7	93.0	94.6	97.0
GE 200	27.5	30.3	40.1	43.8	62.3	67.4	71.7	76.9	80.4	85.0	89.0	90.9	91.7	93.0	94.7	98.4
GE 100	27.5	30.3	40.1	43.8	62.3	67.4	71.7	76.9	80.4	85.0	89.2	91.1	91.9	93.3	95.1	100.0
GE 000	27.5	30.3	40.1	43.8	62.3	67.4	71.7	76.9	80.4	85.0	89.2	91.1	91.9	93.3	95.1	100.0

TOTAL NUMBER OF OBSERVATIONS 628

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	11.2	13.4	16.9	19.9	27.7	29.3	29.6	31.4	32.2	32.7	33.2	33.2	33.2	33.2	33.7	33.9
GE 20000	13.4	16.0	20.0	23.3	31.8	33.4	33.7	35.5	36.5	37.0	37.5	37.6	37.6	37.6	38.1	38.3
GE 18000	13.7	16.3	20.7	23.9	32.4	34.0	34.4	36.2	37.1	37.6	38.1	38.3	38.3	38.3	38.8	38.9
GE 16000	13.7	16.3	20.7	23.9	32.7	34.4	34.7	36.5	37.5	37.9	38.4	38.6	38.6	38.6	39.1	39.3
GE 14000	13.7	16.3	21.0	24.3	33.1	34.9	35.3	37.1	38.1	38.6	39.1	39.3	39.3	39.3	39.7	39.9
GE 12000	13.8	16.4	21.2	24.4	33.4	35.2	35.7	37.5	38.4	39.1	39.6	39.7	39.7	39.7	40.2	40.4
GE 10000	14.8	17.6	22.6	25.9	35.0	36.8	37.3	39.3	40.2	41.0	41.5	41.7	41.7	41.7	42.2	42.3
GE 9000	15.0	17.8	22.8	26.1	35.2	37.0	37.5	39.4	40.4	41.2	41.7	41.9	41.9	41.9	42.3	42.5
GE 8000	16.1	18.9	24.3	27.9	37.1	39.1	39.7	41.7	43.0	43.8	44.3	44.5	44.5	44.5	45.0	45.1
GE 7000	17.6	20.4	26.1	29.6	38.9	41.0	41.9	44.0	45.3	46.3	46.7	46.9	46.9	46.9	47.4	47.6
GE 6000	17.8	20.5	26.2	29.8	39.1	41.2	42.0	44.1	45.4	46.4	46.9	47.1	47.1	47.1	47.6	47.7
GE 5000	19.5	22.3	28.0	31.6	41.0	43.3	44.5	46.7	48.0	49.0	49.5	49.7	49.7	49.7	50.2	50.3
GE 4500	20.2	23.0	28.8	32.6	42.5	44.8	45.9	48.2	49.5	50.5	51.0	51.1	51.1	51.1	51.6	51.8
GE 4000	21.3	24.1	30.5	34.2	44.3	47.1	48.2	50.8	52.4	53.4	53.9	54.1	54.1	54.1	54.6	54.7
GE 3500	23.9	26.7	33.6	37.3	48.0	50.8	52.1	54.7	56.4	57.3	57.8	58.0	58.0	58.0	58.5	58.6
GE 3000	28.2	31.3	38.8	42.5	55.2	58.0	59.6	62.2	64.2	65.1	65.8	66.0	66.0	66.0	66.4	66.6
GE 2500	30.6	33.9	42.3	46.6	59.3	62.5	64.2	66.9	68.9	69.9	70.5	70.7	70.7	70.7	71.2	71.3
GE 2000	32.6	36.0	46.4	51.5	66.4	69.9	71.8	74.6	76.5	77.5	79.0	79.2	79.2	79.3	79.8	80.0
GE 1800	33.1	36.5	47.1	52.8	68.4	71.8	73.8	76.9	78.8	79.8	81.4	81.6	81.6	81.8	82.2	82.4
GE 1500	33.4	36.8	48.0	53.9	71.5	75.7	78.3	81.8	83.7	84.7	86.3	86.5	86.6	86.8	87.3	87.5
GE 1200	34.0	37.5	49.5	55.5	74.4	79.0	82.1	85.7	87.6	88.8	90.6	90.9	91.2	91.4	91.9	92.0
GE 1000	34.0	37.5	49.5	55.5	74.9	79.6	83.1	86.8	88.9	90.1	92.0	92.3	92.7	92.8	93.3	93.5
GE 900	34.0	37.5	49.5	55.5	75.2	80.1	83.6	87.6	89.7	90.9	92.8	93.2	93.5	93.6	94.1	94.3
GE 800	34.0	37.5	49.5	55.5	75.2	80.1	83.7	87.8	89.9	91.0	93.0	93.3	93.8	94.0	94.5	94.6
GE 700	34.0	37.5	49.5	55.5	75.7	80.6	84.2	88.3	90.4	91.9	93.8	94.1	94.6	94.8	95.3	95.8
GE 600	34.0	37.5	49.7	55.7	76.9	82.6	86.2	90.2	92.3	93.8	96.1	96.4	97.1	97.2	97.7	98.2
GE 500	34.0	37.5	49.7	55.7	76.9	82.6	86.2	90.2	92.5	94.0	96.6	96.9	97.6	97.7	98.2	98.7
GE 400	34.0	37.5	49.7	55.7	76.9	82.6	86.3	90.4	92.7	94.1	96.7	97.1	97.7	97.9	98.4	98.9
GE 300	34.0	37.5	49.7	55.7	76.9	82.6	86.3	90.4	92.7	94.1	96.7	97.1	97.7	97.9	98.4	98.9
GE 200	34.0	37.5	49.7	55.7	76.9	82.6	86.3	90.4	92.7	94.1	96.7	97.1	97.7	97.9	98.4	99.3
GE 100	34.0	37.5	49.7	55.7	76.9	82.6	86.3	90.4	92.7	94.1	96.7	97.1	97.7	97.9	98.4	100.0
GE 000	34.0	37.5	49.7	55.7	76.9	82.6	86.3	90.4	92.7	94.1	96.7	97.1	97.7	97.9	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 614

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: FEB HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	18.4	20.1	26.3	30.1	36.7	36.8	37.2	37.3	37.9	37.9	37.9	37.9	37.9	37.9	37.9	38.2
GE 20000	21.3	23.2	29.6	33.7	41.0	41.3	41.7	41.8	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.9
GE 18000	21.9	23.9	30.5	34.8	42.2	42.5	42.9	43.0	43.7	43.7	43.7	43.7	43.7	43.7	43.7	44.1
GE 16000	21.9	23.9	31.0	35.3	43.0	43.5	43.9	44.1	44.8	44.8	44.8	44.8	44.8	44.8	44.8	45.1
GE 14000	21.9	23.9	31.0	35.3	43.0	43.5	43.9	44.1	44.8	44.8	44.8	44.8	44.8	44.8	44.8	45.1
GE 12000	22.2	24.3	31.3	35.6	43.4	43.9	44.2	44.6	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.6
GE 10000	23.2	25.3	32.9	37.2	44.9	45.4	45.8	46.1	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.3
GE 9000	23.6	26.0	33.6	38.0	45.8	46.3	46.6	47.0	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.4
GE 8000	25.0	27.4	35.1	39.8	47.5	48.2	48.5	48.9	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.6
GE 7000	26.2	28.6	36.7	41.5	49.6	50.6	50.9	51.3	52.5	52.7	52.7	52.7	52.7	52.7	52.7	53.0
GE 6000	26.5	28.9	37.0	41.8	49.9	50.9	51.3	51.6	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.4
GE 5000	27.0	29.6	37.9	42.7	50.9	52.0	52.5	52.8	54.0	54.4	54.4	54.4	54.4	54.4	54.4	54.7
GE 4500	27.4	29.9	38.4	43.2	52.0	53.0	53.5	54.0	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.9
GE 4000	29.8	32.4	41.3	46.3	55.1	56.1	56.6	58.0	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.9
GE 3500	33.4	36.0	45.3	50.3	59.7	60.8	61.3	62.8	64.0	64.4	64.4	64.4	64.4	64.4	64.4	64.7
GE 3000	36.1	38.9	49.7	55.4	66.3	67.3	68.0	69.9	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.9
GE 2500	38.2	41.0	53.0	58.9	70.4	71.4	72.1	74.0	75.6	75.9	75.9	75.9	75.9	75.9	75.9	76.2
GE 2000	39.4	42.2	55.4	61.4	76.9	78.1	78.8	80.7	82.3	83.0	83.6	83.6	83.6	83.6	83.6	84.0
GE 1800	39.9	42.7	56.5	62.5	78.5	79.7	80.4	82.3	83.8	84.5	85.4	85.4	85.4	85.4	85.4	85.7
GE 1500	39.9	42.7	56.8	63.2	80.7	82.1	82.8	85.0	86.7	87.4	88.6	88.6	88.6	88.6	88.6	89.0
GE 1200	40.4	43.2	57.8	64.4	82.4	84.3	85.0	87.6	89.5	90.2	91.4	91.4	91.4	91.4	91.4	91.7
GE 1000	40.4	43.2	58.2	64.9	84.7	86.9	88.1	91.2	93.5	94.1	95.4	95.4	95.4	95.4	95.4	95.7
GE 900	40.4	43.2	58.2	64.9	84.7	87.3	88.5	91.6	94.0	94.8	96.0	96.0	96.0	96.0	96.0	96.4
GE 800	40.4	43.2	58.2	64.9	84.9	87.4	88.6	92.1	94.5	95.5	96.7	96.7	96.7	96.7	96.7	97.1
GE 700	40.4	43.2	58.2	64.9	84.9	87.4	88.8	92.3	94.7	96.0	97.4	97.4	97.4	97.4	97.4	97.8
GE 600	40.4	43.2	58.2	64.9	85.0	87.6	89.0	92.4	94.8	96.2	97.8	97.8	97.8	97.8	97.8	98.1
GE 500	40.4	43.2	58.2	64.9	85.0	87.6	89.2	92.6	95.0	96.4	97.9	97.9	97.9	97.9	97.9	98.3
GE 400	40.4	43.2	58.2	64.9	85.0	87.6	89.2	92.6	95.0	96.4	97.9	98.1	98.1	98.1	98.1	98.5
GE 300	40.4	43.2	58.2	64.9	85.0	87.6	89.2	92.9	95.4	96.7	98.3	98.6	98.6	98.6	98.8	99.1
GE 200	40.4	43.2	58.2	64.9	85.0	87.6	89.2	92.9	95.4	96.7	98.3	98.6	98.6	98.6	99.0	99.5
GE 100	40.4	43.2	58.2	64.9	85.0	87.6	89.2	92.9	95.4	96.7	98.3	98.6	98.6	98.6	99.0	100.0
GE 000	40.4	43.2	58.2	64.9	85.0	87.6	89.2	92.9	95.4	96.7	98.3	98.6	98.6	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 581

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: FEB HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	18.7	21.3	27.9	28.7	36.6	39.6	40.4	41.1	41.7	41.7	41.9	41.9	41.9	41.9	41.9	42.1
GE 20000	20.4	23.2	30.6	31.9	42.1	45.3	46.4	47.2	47.9	47.9	48.1	48.1	48.1	48.1	48.1	48.3
GE 18000	20.9	23.6	31.1	32.3	42.6	45.7	46.8	47.7	48.3	48.3	48.5	48.5	48.5	48.5	48.5	48.7
GE 16000	20.9	23.6	31.1	32.3	42.6	46.0	47.0	47.9	48.5	48.5	48.7	48.7	48.7	48.7	48.7	48.9
GE 14000	20.9	23.6	31.1	32.3	42.6	46.0	47.0	47.9	48.5	48.5	48.7	48.7	48.7	48.7	48.7	48.9
GE 12000	21.1	23.8	31.5	32.8	43.0	46.4	47.4	48.3	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.4
GE 10000	21.7	24.5	32.3	33.6	43.8	47.2	48.3	49.1	49.8	49.8	50.0	50.0	50.0	50.0	50.0	50.2
GE 9000	22.8	25.5	33.4	34.9	45.1	48.5	49.6	50.4	51.1	51.1	51.3	51.3	51.3	51.3	51.3	51.5
GE 8000	23.4	26.2	34.9	36.6	47.0	50.4	51.5	52.3	53.2	53.4	53.8	53.8	53.8	53.8	53.8	54.0
GE 7000	24.0	27.0	36.0	37.9	48.5	51.9	53.0	53.8	54.7	54.9	55.3	55.3	55.3	55.3	55.3	55.5
GE 6000	24.5	27.7	36.6	38.5	49.1	52.6	53.6	54.5	55.3	55.5	56.0	56.0	56.0	56.0	56.0	56.2
GE 5000	25.3	28.7	37.7	39.6	50.2	53.6	54.7	55.5	56.4	56.6	57.0	57.0	57.0	57.0	57.0	57.2
GE 4500	25.3	28.9	38.5	40.6	51.3	54.7	55.7	56.8	57.7	57.9	58.3	58.3	58.3	58.3	58.3	58.5
GE 4000	26.2	29.8	40.0	42.3	53.2	56.6	58.3	60.2	61.1	61.5	61.9	61.9	61.9	61.9	61.9	62.1
GE 3500	28.7	32.3	44.0	46.6	57.4	61.1	62.8	64.7	65.5	66.0	66.4	66.4	66.4	66.4	66.4	66.6
GE 3000	31.3	34.9	48.3	51.1	62.3	66.8	68.7	71.7	72.6	73.0	73.6	73.6	73.6	73.6	73.6	73.8
GE 2500	33.0	36.6	50.9	53.8	66.0	70.4	72.6	75.5	76.4	76.8	77.4	77.4	77.4	77.4	77.4	77.7
GE 2000	34.0	37.7	52.3	56.0	70.9	75.3	77.4	80.6	81.9	82.6	83.2	83.2	83.2	83.2	83.2	83.4
GE 1800	34.0	37.7	52.3	56.0	71.5	76.2	78.3	81.5	82.8	83.4	84.0	84.0	84.0	84.0	84.0	84.3
GE 1500	34.5	38.1	53.6	57.2	74.7	80.0	82.3	85.5	86.8	87.4	88.1	88.1	88.1	88.1	88.1	88.3
GE 1200	34.5	38.1	53.8	57.7	75.7	82.3	85.1	88.3	89.6	90.2	90.9	90.9	90.9	90.9	90.9	91.1
GE 1000	34.5	38.1	54.0	57.9	76.2	83.2	86.2	90.2	91.7	93.0	93.6	93.6	93.6	93.6	93.6	93.8
GE 900	34.5	38.1	54.3	58.3	76.6	84.0	87.0	91.1	92.6	93.8	94.5	94.5	94.5	94.5	94.5	94.7
GE 800	34.5	38.1	54.3	58.5	76.8	84.3	87.2	92.1	93.6	94.9	96.0	96.0	96.0	96.0	96.0	96.2
GE 700	34.5	38.1	54.3	58.5	76.8	84.3	87.2	92.1	94.3	95.5	96.8	96.8	96.8	96.8	96.8	97.0
GE 600	34.5	38.1	54.3	58.5	76.8	84.5	87.4	92.6	94.7	96.0	97.2	97.2	97.2	97.2	97.2	97.4
GE 500	34.7	38.3	54.5	58.7	77.0	84.7	87.7	92.8	94.9	96.8	98.3	98.5	98.5	98.5	98.5	98.7
GE 400	34.7	38.3	54.5	58.7	77.0	84.7	87.7	92.8	94.9	96.8	98.3	98.5	98.5	98.5	98.5	98.7
GE 300	34.7	38.3	54.5	58.7	77.0	84.9	87.9	93.0	95.1	97.0	98.5	98.7	98.7	98.7	98.7	99.1
GE 200	34.7	38.3	54.5	58.7	77.0	84.9	87.9	93.0	95.1	97.0	98.5	98.7	98.7	98.7	98.7	99.4
GE 100	34.7	38.3	54.5	58.7	77.0	84.9	87.9	93.0	95.1	97.0	98.5	98.7	98.7	98.7	98.7	100.0
GE 000	34.7	38.3	54.5	58.7	77.0	84.9	87.9	93.0	95.1	97.0	98.5	98.7	98.7	98.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 470

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: FEB HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	17.8	19.4	28.7	31.0	38.8	43.4	46.5	47.3	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 20000	20.2	21.7	31.0	33.3	41.9	46.5	50.4	51.2	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 18000	20.2	21.7	31.0	33.3	41.9	46.5	50.4	51.2	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 16000	20.2	21.7	31.0	33.3	41.9	46.5	50.4	51.2	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 14000	20.2	21.7	31.0	33.3	41.9	46.5	50.4	51.2	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 12000	20.2	21.7	31.0	33.3	41.9	46.5	50.4	51.2	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 10000	20.9	22.5	32.6	34.9	43.4	48.1	51.9	52.7	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 9000	20.9	23.3	32.3	35.7	44.2	48.8	52.7	53.5	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 8000	21.7	24.0	34.9	37.2	45.7	50.4	54.3	55.0	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 7000	23.3	25.6	36.4	38.8	47.3	51.9	55.8	56.6	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 6000	23.3	25.6	36.4	38.8	47.3	51.9	55.8	56.6	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 5000	24.8	27.1	38.0	40.3	48.8	53.5	57.4	58.1	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 4500	25.6	27.9	38.8	41.1	49.6	54.3	58.1	58.9	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 4000	26.4	28.7	40.3	42.6	51.2	55.8	61.2	62.8	64.3	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 3500	29.5	31.8	44.2	47.3	55.8	60.5	65.9	68.2	69.8	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 3000	29.5	31.8	47.3	51.2	62.8	68.2	73.6	76.0	77.5	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 2500	30.2	32.6	48.8	53.5	65.1	70.5	76.0	78.3	79.8	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 2000	31.0	33.3	49.6	54.3	68.2	74.4	79.8	82.9	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 1800	31.0	33.3	49.6	54.3	69.0	75.2	80.6	83.7	86.0	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1500	31.8	34.1	50.4	55.0	70.5	78.3	83.7	86.8	89.1	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1200	31.8	34.1	51.2	55.8	72.1	79.8	85.3	88.4	90.7	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 1000	31.8	34.1	51.2	55.8	74.4	82.9	89.1	93.0	95.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 900	31.8	34.1	51.2	55.8	74.4	82.9	89.1	93.0	95.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 800	31.8	34.1	51.2	55.8	74.4	82.9	89.1	93.0	95.3	96.1	96.9	96.9	96.9	96.9	96.9	96.9
GE 700	31.8	34.1	51.2	55.8	74.4	82.9	89.1	93.0	96.1	96.9	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	31.8	34.1	51.2	55.8	74.4	82.9	89.1	93.0	96.1	96.9	98.4	98.4	98.4	98.4	98.4	98.4
GE 500	31.8	34.1	51.2	55.8	74.4	82.9	89.1	93.0	96.1	96.9	98.4	99.2	99.2	99.2	99.2	99.2
GE 400	31.8	34.1	51.2	55.8	74.4	82.9	89.1	93.0	96.1	96.9	98.4	99.2	99.2	99.2	99.2	99.2
GE 300	31.8	34.1	51.2	55.8	74.4	82.9	89.1	93.0	96.1	96.9	98.4	99.2	99.2	99.2	99.2	99.2
GE 200	31.8	34.1	51.2	55.8	74.4	82.9	89.1	93.0	96.1	96.9	98.4	99.2	99.2	99.2	99.2	99.2
GE 100	31.8	34.1	51.2	55.8	74.4	82.9	89.1	93.0	96.1	96.9	98.4	99.2	99.2	99.2	99.2	100.0
GE 000	31.8	34.1	51.2	55.8	74.4	82.9	89.1	93.0	96.1	96.9	98.4	99.2	99.2	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 129

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: FEB HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	13.1	15.0	19.4	21.4	27.7	29.2	30.3	31.7	32.8	33.4	34.0	34.2	34.3	34.5	35.1	35.6
GE 20000	14.8	17.0	22.0	24.2	31.3	32.8	34.1	35.6	36.9	37.7	38.4	38.7	38.8	39.0	39.6	40.2
GE 18000	15.0	17.3	22.3	24.6	31.7	33.3	34.5	36.1	37.3	38.1	38.9	39.1	39.2	39.4	40.0	40.6
GE 16000	15.0	17.3	22.4	24.7	32.0	33.6	34.9	36.4	37.7	38.4	39.2	39.5	39.6	39.8	40.4	41.0
GE 14000	15.1	17.3	22.5	24.9	32.2	33.8	35.1	36.7	37.9	38.7	39.5	39.7	39.8	40.0	40.6	41.2
GE 12000	15.2	17.5	22.7	25.1	32.4	34.0	35.4	37.0	38.2	39.0	39.8	40.1	40.2	40.4	41.0	41.6
GE 10000	16.0	18.2	23.8	26.2	33.6	35.2	36.6	38.1	39.4	40.3	41.1	41.4	41.5	41.7	42.3	42.9
GE 9000	16.5	18.9	24.6	27.0	34.5	36.1	37.5	39.0	40.4	41.3	42.1	42.3	42.5	42.7	43.2	43.9
GE 8000	17.6	20.0	26.2	28.8	36.3	38.1	39.6	41.2	42.8	43.8	44.7	44.9	45.1	45.3	45.8	46.4
GE 7000	18.5	20.9	27.4	30.2	38.1	40.1	41.5	43.2	44.8	45.9	46.7	47.0	47.2	47.4	47.9	48.6
GE 6000	18.7	21.1	27.6	30.4	38.3	40.3	41.8	43.5	45.1	46.1	47.0	47.2	47.4	47.6	48.2	48.8
GE 5000	19.8	22.3	29.0	31.8	39.9	42.0	43.5	45.3	46.9	47.9	48.8	49.1	49.3	49.5	50.0	50.6
GE 4500	20.4	22.9	29.8	32.7	41.2	43.2	44.9	46.7	48.3	49.4	50.3	50.5	50.7	50.9	51.5	52.1
GE 4000	22.0	24.6	31.9	34.9	43.5	45.6	47.4	49.8	51.6	52.8	53.7	54.0	54.1	54.3	54.9	55.5
GE 3500	24.7	27.3	35.2	38.4	47.5	49.7	51.7	54.1	55.9	57.1	58.1	58.3	58.5	58.7	59.3	59.9
GE 3000	27.6	30.4	39.5	43.0	53.4	55.8	58.0	60.9	63.0	64.2	65.3	65.6	65.8	66.0	66.7	67.3
GE 2500	29.7	32.5	42.5	46.2	57.1	59.7	62.1	65.1	67.2	68.5	69.6	69.9	70.2	70.4	71.1	71.7
GE 2000	31.1	34.0	45.2	49.2	62.3	65.3	67.8	70.9	73.2	74.6	76.2	76.6	76.9	77.2	77.9	78.5
GE 1800	31.4	34.3	45.5	49.8	63.2	66.4	68.9	72.1	74.4	75.8	77.4	77.9	78.1	78.5	79.2	79.8
GE 1500	32.1	35.1	46.8	51.3	66.8	70.6	73.5	76.9	79.2	80.8	82.5	83.0	83.3	83.7	84.4	85.0
GE 1200	32.4	35.4	47.8	52.6	69.6	73.9	77.0	80.6	83.0	84.8	86.6	87.1	87.5	87.9	88.6	89.2
GE 1000	32.4	35.5	48.1	53.1	70.8	75.6	78.9	82.9	85.6	87.5	89.3	89.9	90.3	90.7	91.4	92.0
GE 900	32.4	35.5	48.2	53.2	71.1	76.1	79.4	83.5	86.2	88.1	90.0	90.6	91.0	91.4	92.1	92.7
GE 800	32.4	35.5	48.2	53.2	71.2	76.2	79.7	84.0	86.7	88.7	90.6	91.2	91.7	92.1	92.8	93.4
GE 700	32.4	35.5	48.4	53.5	71.7	76.8	80.3	84.7	87.5	89.8	91.8	92.5	92.9	93.4	94.1	94.8
GE 600	32.4	35.5	48.5	53.6	72.2	77.4	80.9	85.4	88.3	90.5	92.8	93.4	93.9	94.3	95.1	95.8
GE 500	32.5	35.5	48.5	53.6	72.2	77.5	81.0	85.6	88.6	91.0	93.5	94.4	94.9	95.4	96.1	96.9
GE 400	32.5	35.5	48.5	53.6	72.3	77.5	81.1	85.7	88.8	91.2	93.7	94.6	95.2	95.7	96.5	97.4
GE 300	32.5	35.5	48.5	53.6	72.3	77.6	81.1	85.8	88.9	91.3	93.8	94.8	95.4	95.9	96.8	97.9
GE 200	32.5	35.5	48.5	53.6	72.3	77.6	81.1	85.8	88.9	91.3	93.9	94.8	95.5	96.1	97.1	98.8
GE 100	32.5	35.5	48.5	53.6	72.3	77.6	81.1	85.8	88.9	91.3	93.9	94.8	95.6	96.2	97.1	100.0
GE 000	32.5	35.5	48.5	53.6	72.3	77.6	81.1	85.8	88.9	91.3	93.9	94.8	95.6	96.2	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 3025

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	6.6	6.7	8.9	10.1	14.8	16.8	18.4	19.2	20.9	22.1	23.1	23.1	23.4	23.4	23.6	25.6
GE 20000	7.6	7.8	10.7	11.9	17.0	19.2	20.8	21.5	23.4	24.7	25.9	25.9	26.2	26.2	26.4	28.6
GE 18000	8.1	8.3	11.3	12.6	17.7	19.9	21.5	22.3	24.2	25.5	26.6	26.6	26.9	26.9	27.1	29.3
GE 16000	8.1	8.3	11.3	12.6	17.7	19.9	21.5	22.3	24.2	25.5	26.6	26.6	26.9	26.9	27.1	29.3
GE 14000	8.1	8.3	11.3	12.6	17.9	20.1	21.7	22.4	24.3	25.6	26.8	26.8	27.1	27.1	27.2	29.4
GE 12000	8.1	8.5	11.4	12.7	18.0	20.2	21.8	22.5	24.5	25.8	26.9	26.9	27.2	27.2	27.4	29.6
GE 10000	8.8	9.2	12.3	13.6	19.2	21.4	23.1	23.9	25.9	27.2	28.6	28.6	28.8	28.8	29.0	31.2
GE 9000	11.0	11.4	14.5	16.0	21.8	24.2	25.9	26.6	28.7	30.0	31.3	31.3	31.6	31.9	32.1	34.3
GE 8000	12.4	12.9	16.3	17.9	23.7	26.5	28.4	29.1	31.2	32.5	34.3	34.3	34.6	35.3	35.4	37.8
GE 7000	13.2	13.6	17.0	18.7	25.0	27.8	29.7	30.5	32.5	33.8	35.6	35.6	35.9	36.6	36.7	39.1
GE 6000	13.6	14.1	17.7	19.6	25.9	28.7	30.6	31.3	33.4	34.7	36.5	36.5	36.7	37.5	37.6	40.0
GE 5000	14.2	14.6	18.9	20.8	27.4	30.2	32.1	32.8	34.8	36.2	37.9	37.9	38.2	38.9	39.1	41.4
GE 4500	14.5	15.2	19.8	21.7	29.1	32.1	34.0	34.8	36.9	38.2	40.0	40.0	40.3	41.0	41.1	43.5
GE 4000	16.7	17.6	23.3	25.3	33.4	36.6	38.5	39.4	41.4	42.8	44.5	44.5	44.9	45.7	45.8	48.2
GE 3500	20.5	21.7	28.0	30.3	39.4	43.2	45.2	46.3	48.3	49.6	51.5	51.5	52.0	52.7	53.0	55.8
GE 3000	23.6	24.7	32.8	36.0	47.0	51.2	53.3	54.8	56.8	58.7	60.6	60.6	61.1	61.8	62.1	64.9
GE 2500	25.6	26.8	35.6	39.1	51.5	56.4	58.7	60.3	62.5	64.7	67.1	67.2	67.6	68.4	68.7	71.4
GE 2000	27.4	28.6	38.5	42.8	56.1	61.5	64.3	66.3	68.5	70.7	73.1	73.2	73.8	74.5	74.8	77.7
GE 1800	27.8	29.0	39.1	43.3	57.0	62.5	65.3	67.3	69.5	71.7	74.1	74.2	74.8	75.5	75.8	78.8
GE 1500	28.6	29.9	40.3	45.1	59.7	65.9	68.7	70.9	73.5	76.0	78.8	79.1	79.6	80.4	80.7	83.6
GE 1200	29.3	30.7	41.4	46.4	62.5	68.8	71.7	73.9	76.7	79.2	82.0	82.3	82.9	83.6	83.9	86.8
GE 1000	29.4	30.9	41.7	46.7	63.8	70.1	73.5	76.3	79.2	82.3	85.1	85.4	85.9	86.7	87.0	89.9
GE 900	29.4	31.0	42.2	47.4	64.7	71.0	74.4	77.2	80.1	83.2	85.9	86.2	86.8	87.6	87.8	90.8
GE 800	29.4	31.0	42.6	47.9	65.7	72.2	75.5	78.3	81.6	84.8	87.8	88.1	88.7	89.6	89.9	93.1
GE 700	29.4	31.0	42.6	47.9	65.7	72.2	75.5	78.3	81.7	85.4	88.4	88.7	89.3	90.3	90.6	93.9
GE 600	29.4	31.0	42.6	47.9	65.7	72.6	76.0	78.8	82.1	85.8	89.0	89.3	90.0	91.2	91.5	95.0
GE 500	29.4	31.0	42.6	47.9	65.7	72.6	76.1	79.2	82.6	86.2	89.5	90.0	90.8	92.2	92.5	96.0
GE 400	29.4	31.0	42.6	47.9	65.7	72.6	76.1	79.5	83.0	86.7	90.0	90.6	91.5	93.0	93.3	96.8
GE 300	29.4	31.0	42.6	47.9	65.7	72.6	76.3	79.6	83.2	86.8	90.2	90.9	91.9	93.4	93.7	97.8
GE 200	29.4	31.0	42.6	47.9	65.7	72.6	76.3	79.6	83.2	86.8	90.2	90.9	92.1	93.6	94.0	98.5
GE 100	29.4	31.0	42.6	47.9	65.7	72.6	76.3	79.6	83.2	86.8	90.2	90.9	92.1	93.6	94.1	99.6
GE 000	29.4	31.0	42.6	47.9	65.7	72.6	76.3	79.6	83.2	86.8	90.2	90.9	92.1	93.6	94.1	100.0

TOTAL NUMBER OF OBSERVATIONS 683

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	6.2	6.7	9.5	10.5	14.3	17.4	18.7	20.8	21.6	22.4	22.6	22.6	22.7	22.7	22.9	23.3
GE 20000	7.9	8.7	13.2	14.3	19.2	21.3	22.7	25.1	25.9	26.8	26.9	26.9	27.1	27.1	27.2	27.8
GE 18000	8.0	8.8	13.7	15.1	19.2	22.3	23.7	26.1	27.1	27.9	28.1	28.1	28.2	28.2	28.3	28.9
GE 16000	8.0	8.8	13.7	15.1	19.2	22.3	23.7	26.1	27.1	27.9	28.1	28.1	28.2	28.2	28.3	28.9
GE 14000	8.0	8.8	13.7	15.1	19.2	22.3	23.7	26.1	27.1	27.9	28.1	28.1	28.2	28.2	28.3	28.9
GE 12000	8.6	9.4	14.4	15.8	19.9	23.0	24.4	26.8	27.8	28.6	28.8	28.8	28.9	28.9	29.0	29.6
GE 10000	9.3	10.4	16.0	17.5	21.6	25.0	26.6	29.2	30.2	31.0	31.1	31.1	31.3	31.3	31.4	32.0
GE 9000	10.5	11.6	17.7	19.2	23.4	26.8	28.5	31.0	32.0	32.8	33.0	33.0	33.1	33.1	33.2	33.8
GE 8000	11.4	12.5	19.1	20.8	25.4	28.9	30.6	33.1	34.2	35.1	35.3	35.5	35.6	35.6	35.8	36.3
GE 7000	11.9	13.0	19.8	21.7	27.3	30.9	32.5	35.1	36.2	37.0	37.3	37.4	37.6	37.6	37.7	38.3
GE 6000	12.1	13.2	20.2	22.2	27.8	31.3	33.0	35.5	36.6	37.4	37.7	37.9	38.0	38.0	38.1	38.7
GE 5000	13.5	14.7	21.7	23.8	29.7	33.2	34.9	37.4	38.6	39.4	39.7	39.8	40.0	40.0	40.1	40.7
GE 4500	13.7	15.1	22.2	24.3	30.6	34.1	35.8	38.3	39.4	40.3	40.5	40.7	40.8	40.8	41.0	41.5
GE 4000	15.7	17.3	25.4	27.8	34.9	38.4	40.3	42.8	43.9	44.7	45.2	45.4	45.6	45.6	45.7	46.3
GE 3500	19.9	21.7	30.6	33.5	41.4	45.2	47.0	49.6	50.9	51.8	52.3	52.6	52.7	52.7	52.9	53.4
GE 3000	25.5	27.6	38.6	42.1	51.9	55.8	57.9	61.0	62.4	63.3	64.0	64.2	64.4	64.4	64.5	65.1
GE 2500	27.1	29.6	41.4	45.0	55.5	59.9	62.0	65.4	66.8	68.0	68.7	69.0	69.1	69.1	69.3	69.8
GE 2000	30.2	32.7	46.0	50.6	62.7	67.2	69.7	73.2	74.6	76.2	76.9	77.4	77.6	77.6	77.7	78.3
GE 1800	30.6	33.1	46.6	51.5	64.0	68.4	71.0	74.5	75.9	77.4	78.3	78.8	79.0	79.0	79.1	79.7
GE 1500	31.4	34.1	48.2	54.1	67.9	72.8	75.6	79.1	80.9	82.6	83.9	84.7	84.9	84.9	85.0	85.6
GE 1200	32.5	35.3	50.2	56.8	71.2	76.2	79.0	82.5	84.7	86.7	88.2	89.1	89.3	89.3	89.5	90.0
GE 1000	32.7	35.5	50.8	57.6	73.1	78.0	81.1	84.9	87.2	89.2	90.9	91.7	92.0	92.3	92.4	93.0
GE 900	32.7	35.5	50.9	57.8	73.2	78.3	81.3	85.1	87.5	89.5	91.2	92.0	92.3	92.6	92.7	93.3
GE 800	32.7	35.5	50.9	57.8	73.2	79.0	82.0	85.8	88.2	90.3	92.3	93.1	93.4	94.1	94.2	94.8
GE 700	32.7	35.5	51.1	57.9	73.5	79.7	82.9	86.7	89.1	91.3	93.3	94.1	94.4	95.2	95.4	95.9
GE 600	32.7	35.5	51.1	57.9	73.5	79.9	83.2	87.0	89.5	91.7	93.7	94.5	94.8	95.7	95.8	96.8
GE 500	32.7	35.5	51.1	57.9	73.5	79.9	83.2	87.0	89.6	91.9	94.0	95.0	95.2	96.1	96.2	97.2
GE 400	32.7	35.5	51.1	57.9	73.5	79.9	83.2	87.0	89.6	91.9	94.0	95.0	95.2	96.1	96.2	97.2
GE 300	32.7	35.5	51.1	57.9	73.5	79.9	83.2	87.0	89.6	91.9	94.2	95.4	95.8	96.9	97.1	98.3
GE 200	32.7	35.5	51.1	57.9	73.5	79.9	83.2	87.0	89.6	91.9	94.2	95.4	95.8	97.2	97.5	98.9
GE 100	32.7	35.5	51.1	57.9	73.5	79.9	83.2	87.0	89.6	91.9	94.2	95.4	95.8	97.2	97.5	99.4
GE 000	32.7	35.5	51.1	57.9	73.5	79.9	83.2	87.0	89.6	91.9	94.2	95.4	95.8	97.2	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 713

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	12.1	13.0	16.8	18.1	21.0	22.6	23.2	23.3	23.5	23.5	23.6	23.8	23.8	23.8	23.8	23.8
GE 20000	14.6	15.6	19.7	21.0	23.9	25.5	26.1	26.2	26.4	26.4	26.5	26.7	26.7	26.7	26.7	26.7
GE 18000	14.9	15.9	20.0	21.3	24.2	25.8	26.4	26.7	26.8	26.8	27.0	27.1	27.1	27.1	27.1	27.1
GE 16000	14.9	15.9	20.0	21.3	24.2	25.8	26.4	26.7	26.8	26.8	27.0	27.1	27.1	27.1	27.1	27.1
GE 14000	15.0	16.0	20.1	21.4	24.3	25.9	26.5	26.8	27.0	27.0	27.1	27.3	27.3	27.3	27.3	27.3
GE 12000	15.5	16.5	21.0	22.3	25.2	26.8	27.4	27.7	27.8	27.8	28.0	28.1	28.1	28.1	28.1	28.1
GE 10000	16.5	17.6	23.2	24.5	27.7	29.3	30.3	30.6	30.8	30.8	30.9	31.0	31.0	31.0	31.0	31.0
GE 9000	16.9	18.1	24.1	25.4	28.6	30.2	31.2	31.5	31.6	31.6	31.8	31.9	31.9	31.9	31.9	31.9
GE 8000	18.1	19.2	25.2	26.7	30.0	31.8	32.8	33.1	33.2	33.2	33.4	33.5	33.5	33.5	33.5	33.5
GE 7000	19.2	20.4	27.0	28.4	31.8	33.5	34.5	34.8	35.0	35.0	35.1	35.3	35.3	35.3	35.3	35.3
GE 6000	19.4	20.6	27.1	28.6	31.9	33.7	34.7	35.0	35.1	35.1	35.3	35.4	35.4	35.4	35.4	35.4
GE 5000	20.1	21.3	28.0	29.6	32.9	34.7	35.7	36.0	36.2	36.2	36.3	36.4	36.4	36.4	36.4	36.4
GE 4500	20.4	21.6	28.4	30.2	33.5	35.3	36.3	36.6	36.7	36.7	36.9	37.0	37.0	37.0	37.0	37.0
GE 4000	22.9	24.1	31.5	33.5	37.3	39.1	40.1	40.4	40.5	40.5	40.7	40.8	40.8	40.8	40.8	40.8
GE 3500	28.4	29.9	39.2	41.4	45.6	47.4	48.4	48.7	48.8	48.8	49.0	49.1	49.1	49.1	49.1	49.1
GE 3000	39.2	41.1	54.1	57.0	63.0	65.2	66.5	67.1	67.3	67.3	67.5	67.8	67.8	67.8	67.8	67.8
GE 2500	42.9	44.8	59.0	62.4	69.2	71.4	72.9	73.5	73.9	74.1	74.2	74.5	74.5	74.5	74.5	74.5
GE 2000	45.8	47.8	64.3	68.5	76.7	79.6	81.2	82.1	82.7	83.1	83.2	83.7	83.7	83.7	83.7	83.7
GE 1800	46.2	48.3	65.2	69.5	77.7	80.6	82.2	83.1	83.8	84.3	84.7	85.1	85.1	85.1	85.1	85.1
GE 1500	46.9	49.0	66.5	71.3	80.8	84.1	85.7	86.7	87.8	88.2	88.6	89.1	89.1	89.1	89.1	89.1
GE 1200	47.2	49.3	67.8	72.7	82.5	86.0	88.0	89.4	90.5	91.0	91.4	91.8	91.8	91.8	91.8	91.8
GE 1000	47.4	49.4	68.2	73.8	84.5	88.3	90.4	91.7	92.9	93.4	93.9	94.5	94.5	94.5	94.5	94.5
GE 900	47.4	49.4	68.2	73.8	84.5	88.3	90.4	91.7	92.9	93.4	93.9	94.5	94.5	94.5	94.5	94.5
GE 800	47.4	49.4	68.2	73.8	84.8	88.6	90.7	92.1	93.3	93.9	94.3	94.9	94.9	95.0	95.0	95.0
GE 700	47.4	49.4	68.2	73.8	84.8	89.1	91.4	92.9	94.0	95.3	95.8	96.4	96.4	96.5	96.5	96.5
GE 600	47.5	49.6	68.4	73.9	86.0	90.2	92.6	94.2	95.3	96.6	97.1	98.1	98.1	98.3	98.3	98.3
GE 500	47.5	49.6	68.4	73.9	86.0	90.2	92.6	94.3	95.6	96.9	97.4	98.4	98.4	98.5	98.5	98.5
GE 400	47.5	49.6	68.4	73.9	86.2	90.4	92.7	94.5	95.8	97.1	97.7	98.7	98.7	98.8	98.8	99.0
GE 300	47.5	49.6	68.5	74.1	86.3	90.5	92.9	94.6	95.9	97.2	97.8	99.0	99.0	99.4	99.6	99.9
GE 200	47.5	49.6	68.5	74.1	86.3	90.5	92.9	94.6	95.9	97.2	97.8	99.0	99.0	99.4	99.6	100.0
GE 100	47.5	49.6	68.5	74.1	86.3	90.5	92.9	94.6	95.9	97.2	97.8	99.0	99.0	99.4	99.6	100.0
GE 000	47.5	49.6	68.5	74.1	86.3	90.5	92.9	94.6	95.9	97.2	97.8	99.0	99.0	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 686

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	18.2	19.1	22.5	23.3	26.4	26.9	27.2	27.9	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0
GE 20000	22.2	23.3	26.8	27.5	30.8	31.3	31.6	32.2	32.2	32.4	32.4	32.4	32.4	32.4	32.4	32.4
GE 18000	22.8	23.9	27.4	28.2	31.5	31.9	32.2	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0
GE 16000	23.0	24.1	27.5	28.3	31.6	32.1	32.4	33.0	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 14000	23.3	24.4	27.9	28.6	31.9	32.4	32.7	33.3	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.5
GE 12000	24.1	25.2	28.6	29.4	32.7	33.2	33.5	34.1	34.1	34.3	34.3	34.3	34.3	34.3	34.3	34.3
GE 10000	25.4	26.6	31.0	31.8	35.2	35.7	36.3	36.9	36.9	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 9000	26.1	27.4	31.9	32.7	36.2	36.6	37.2	37.9	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 8000	27.7	29.3	33.8	34.6	38.5	39.0	39.6	40.2	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 7000	29.1	30.7	35.2	36.3	40.2	40.7	41.3	41.9	41.9	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 6000	29.1	30.7	35.2	36.3	40.2	40.7	41.3	41.9	41.9	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 5000	30.8	32.4	37.1	38.2	42.4	43.0	44.1	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 4500	31.1	32.7	37.7	38.8	43.0	43.7	44.8	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 4000	33.8	35.7	41.8	43.8	48.7	49.3	50.4	51.0	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 3500	40.4	42.6	49.8	52.0	57.1	57.7	58.8	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 3000	50.7	53.7	62.4	64.9	71.0	71.8	72.9	73.7	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 2500	54.8	57.9	67.9	71.7	77.8	78.7	79.8	80.9	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 2000	57.0	60.4	71.8	75.9	82.8	84.2	85.4	87.0	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1800	57.3	60.9	72.3	76.4	83.3	84.8	86.1	87.6	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1600	57.9	61.5	73.4	77.5	85.3	87.3	88.6	90.1	90.6	90.9	91.1	91.1	91.1	91.1	91.1	91.1
GE 1400	58.4	62.0	74.3	78.6	86.7	88.7	90.6	92.5	93.0	93.3	93.4	93.4	93.4	93.4	93.4	93.4
GE 1200	58.5	62.1	74.5	78.9	88.1	90.3	92.6	94.8	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9
GE 1000	58.5	62.1	74.5	78.9	88.1	90.3	92.6	95.1	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 900	58.5	62.1	74.5	78.9	88.1	90.3	92.8	95.5	96.1	96.4	96.6	96.6	96.6	96.6	96.6	96.6
GE 800	58.5	62.1	74.5	78.9	88.3	90.9	93.4	96.1	96.7	97.0	97.2	97.2	97.2	97.3	97.3	97.3
GE 700	58.5	62.1	74.5	78.9	89.0	91.7	94.4	97.0	97.7	98.0	98.3	98.3	98.3	98.4	98.4	98.4
GE 600	58.5	62.1	74.5	78.9	89.0	91.7	94.4	97.0	97.7	98.0	98.3	98.3	98.3	98.4	98.4	98.4
GE 500	58.5	62.1	74.5	78.9	89.2	91.9	94.5	97.2	98.0	98.3	98.7	99.2	99.2	99.8	99.8	99.8
GE 400	58.5	62.1	74.5	78.9	89.2	91.9	94.5	97.2	98.0	98.3	98.7	99.2	99.2	99.8	99.8	99.8
GE 300	58.5	62.1	74.5	78.9	89.2	91.9	94.5	97.2	98.0	98.3	98.7	99.2	99.2	99.8	99.8	99.8
GE 200	58.5	62.1	74.5	78.9	89.2	91.9	94.5	97.2	98.0	98.3	98.7	99.2	99.2	99.8	99.8	99.8
GE 100	58.5	62.1	74.5	78.9	89.2	91.9	94.5	97.2	98.0	98.3	98.7	99.2	99.2	99.8	100.0	100.0
GE 000	58.5	62.1	74.5	78.9	89.2	91.9	94.5	97.2	98.0	98.3	98.7	99.2	99.2	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 619

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	22.5	23.0	27.0	27.9	32.8	33.3	33.5	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
GE 20000	25.5	26.0	30.9	32.0	36.9	37.8	38.0	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 18000	25.5	26.0	30.9	32.0	36.9	37.8	38.0	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 16000	25.5	26.0	30.9	32.0	36.9	37.8	38.0	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 14000	25.5	26.0	30.9	32.0	36.9	37.8	38.0	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 12000	25.7	26.2	31.1	32.2	37.1	38.0	38.2	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
GE 10000	26.8	27.3	32.2	33.3	38.2	39.1	39.5	39.9	39.9	40.1	40.1	40.3	40.3	40.3	40.3	40.3
GE 9000	27.7	28.5	33.9	35.0	39.9	40.8	41.2	41.6	41.6	41.8	41.8	41.9	41.9	41.9	41.9	41.9
GE 8000	29.4	30.1	36.0	37.1	42.1	43.3	43.6	44.0	44.0	44.2	44.2	44.4	44.4	44.4	44.4	44.4
GE 7000	32.6	33.3	39.5	41.2	46.6	47.9	48.5	48.9	48.9	49.1	49.1	49.3	49.3	49.3	49.3	49.3
GE 6000	32.6	33.3	39.5	41.2	46.6	47.9	48.5	48.9	48.9	49.1	49.1	49.3	49.3	49.3	49.3	49.3
GE 5000	33.9	34.6	41.0	42.7	48.1	49.4	50.6	50.9	50.9	51.1	51.1	51.3	51.3	51.3	51.3	51.3
GE 4500	35.8	36.5	43.4	45.3	51.3	52.6	53.7	54.1	54.1	54.3	54.3	54.5	54.5	54.5	54.5	54.5
GE 4000	41.2	41.9	49.4	51.7	58.6	59.9	61.4	61.8	61.8	62.0	62.0	62.2	62.2	62.2	62.2	62.2
GE 3500	44.9	46.3	54.9	57.1	64.6	65.9	67.4	67.8	67.8	68.0	68.0	68.2	68.2	68.2	68.2	68.2
GE 3000	48.9	50.2	59.6	62.0	69.9	72.1	73.6	74.2	74.7	74.9	74.9	75.1	75.1	75.1	75.1	75.1
GE 2500	51.1	52.4	63.5	66.1	75.1	77.3	79.0	79.8	80.3	80.5	80.5	80.7	80.7	80.7	80.7	80.7
GE 2000	53.6	55.1	67.8	70.8	80.3	83.9	86.0	87.3	87.8	89.0	89.0	89.1	89.1	89.1	89.1	89.1
GE 1800	53.6	55.2	68.0	71.0	80.5	84.1	86.5	87.8	88.4	89.5	89.5	89.7	89.7	89.7	89.7	89.7
GE 1500	53.6	55.2	68.7	72.1	83.0	86.5	89.1	90.8	91.4	92.7	92.7	92.9	92.9	92.9	92.9	92.9
GE 1200	54.1	55.8	69.5	73.0	84.1	87.8	90.4	92.3	92.9	94.2	94.2	94.4	94.4	94.4	94.4	94.4
GE 1000	54.1	55.8	69.5	73.4	84.8	88.8	91.4	94.0	94.8	96.3	96.3	96.4	96.4	96.4	96.4	96.4
GE 900	54.1	55.8	69.5	73.4	84.8	88.8	91.4	94.0	94.8	96.3	96.3	96.4	96.4	96.4	96.4	96.4
GE 800	54.1	55.8	69.5	73.4	84.8	88.8	91.4	94.0	94.8	96.3	96.3	96.4	96.6	96.8	96.8	96.8
GE 700	54.1	55.8	69.5	73.4	84.8	89.3	91.9	94.6	95.3	97.0	97.0	97.2	97.4	97.6	97.6	97.6
GE 600	54.1	55.8	69.5	73.4	85.4	89.9	92.5	95.3	96.1	97.8	97.8	97.9	98.1	98.3	98.3	98.3
GE 500	54.1	55.8	69.5	73.4	85.4	89.9	92.5	95.3	96.1	97.8	97.9	98.1	98.3	98.5	98.5	98.5
GE 400	54.1	55.8	69.5	73.4	85.4	89.9	92.5	95.3	96.1	98.3	98.7	99.1	99.3	99.6	100.0	100.0
GE 300	54.1	55.8	69.5	73.4	85.4	89.9	92.5	95.3	96.1	98.3	98.7	99.1	99.3	99.6	100.0	100.0
GE 200	54.1	55.8	69.5	73.4	85.4	89.9	92.5	95.3	96.1	98.3	98.7	99.1	99.3	99.6	100.0	100.0
GE 100	54.1	55.8	69.5	73.4	85.4	89.9	92.5	95.3	96.1	98.3	98.7	99.1	99.3	99.6	100.0	100.0
GE 000	54.1	55.8	69.5	73.4	85.4	89.9	92.5	95.3	96.1	98.3	98.7	99.1	99.3	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 534

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	24.5	25.2	28.7	30.1	34.3	35.7	35.7	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 20000	26.6	27.3	31.5	32.9	37.1	38.5	38.5	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 18000	26.6	27.3	31.5	32.9	37.1	38.5	38.5	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 16000	26.6	27.3	31.5	32.9	37.1	38.5	38.5	39.7	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 14000	27.3	28.0	32.2	33.6	37.8	39.2	39.2	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 12000	27.3	28.0	32.2	33.6	37.8	39.2	39.2	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 10000	27.3	28.0	32.2	33.6	37.8	39.2	39.2	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 9000	27.3	28.0	32.2	33.6	37.8	39.2	39.2	39.9	39.9	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 8000	28.7	29.4	35.7	37.1	41.3	42.7	42.7	43.4	43.4	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 7000	31.5	32.2	38.5	39.9	44.1	46.2	46.2	46.9	47.6	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 6000	31.5	32.2	38.5	39.9	44.1	46.2	46.2	46.9	47.6	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 5000	33.6	34.3	41.3	42.7	46.9	49.0	49.0	49.7	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 4500	34.3	35.0	43.4	44.8	49.7	51.7	51.7	52.4	53.1	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 4000	40.6	42.0	51.0	52.4	58.7	60.8	60.8	61.5	62.2	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 3500	44.1	45.5	55.9	58.0	64.3	66.4	66.4	67.1	67.8	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 3000	47.6	49.0	60.1	62.2	69.9	73.4	73.4	75.5	76.9	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 2500	49.7	51.0	63.6	66.4	74.1	77.6	78.3	80.4	81.8	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 2000	51.7	53.1	68.5	72.0	81.1	85.3	86.0	88.8	90.2	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1800	51.7	53.1	68.5	72.0	81.1	86.0	87.4	90.2	91.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1500	52.4	53.8	69.9	74.1	83.9	88.8	91.6	95.1	96.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1200	52.4	53.8	69.9	74.1	83.9	88.8	91.6	95.1	96.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1000	52.4	53.8	69.9	74.1	83.9	88.8	91.6	95.1	96.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 900	52.4	53.8	69.9	74.1	83.9	89.5	92.3	95.8	97.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	52.4	53.8	69.9	74.1	83.9	89.5	92.3	95.8	97.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	52.4	53.8	69.9	74.1	83.9	89.5	92.3	95.8	97.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	52.4	53.8	69.9	74.1	83.9	89.5	92.3	95.8	97.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	52.4	53.8	69.9	74.1	83.9	89.5	92.3	95.8	97.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	52.4	53.8	69.9	74.1	83.9	89.5	92.3	95.8	97.2	99.3	99.3	99.3	99.3	99.3	100.0	100.0
GE 300	52.4	53.8	69.9	74.1	83.9	89.5	92.3	95.8	97.2	99.3	99.3	99.3	99.3	99.3	100.0	100.0
GE 200	52.4	53.8	69.9	74.1	83.9	89.5	92.3	95.8	97.2	99.3	99.3	99.3	99.3	99.3	100.0	100.0
GE 100	52.4	53.8	69.9	74.1	83.9	89.5	92.3	95.8	97.2	99.3	99.3	99.3	99.3	99.3	100.0	100.0
GE 000	52.4	53.8	69.9	74.1	83.9	89.5	92.3	95.8	97.2	99.3	99.3	99.3	99.3	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 143

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	13.0	13.7	16.9	17.9	21.8	23.4	24.2	25.0	25.6	26.0	26.3	26.3	26.4	26.4	26.5	27.0
GE 20000	15.4	16.2	20.1	21.2	25.2	26.9	27.8	28.6	29.2	29.7	30.0	30.0	30.1	30.1	30.2	30.7
GE 18000	15.7	16.5	20.5	21.7	25.8	27.5	28.3	29.2	29.8	30.3	30.6	30.6	30.7	30.7	30.8	31.3
GE 16000	15.7	16.5	20.5	21.7	25.8	27.5	28.3	29.2	29.8	30.3	30.6	30.6	30.7	30.7	30.8	31.3
GE 14000	15.9	16.6	20.7	21.9	25.9	27.6	28.5	29.4	30.0	30.5	30.8	30.8	30.9	30.9	30.9	31.5
GE 12000	16.2	17.0	21.2	22.4	26.5	28.2	29.0	29.9	30.5	31.0	31.3	31.3	31.4	31.4	31.5	32.0
GE 10000	17.2	18.1	22.7	24.0	28.2	30.0	31.0	32.0	32.6	33.1	33.5	33.5	33.6	33.6	33.7	34.2
GE 9000	18.2	19.2	24.2	25.4	29.7	31.5	32.6	33.5	34.2	34.7	35.1	35.1	35.2	35.3	35.3	35.9
GE 8000	19.6	20.6	25.9	27.2	31.8	33.7	34.8	35.8	36.5	37.0	37.4	37.5	37.6	37.8	37.8	38.4
GE 7000	21.0	22.0	27.5	29.0	33.9	36.0	37.1	38.1	38.8	39.3	39.7	39.8	39.9	40.1	40.1	40.7
GE 6000	21.1	22.1	27.7	29.3	34.2	36.3	37.4	38.3	39.1	39.6	40.0	40.1	40.2	40.3	40.4	41.0
GE 5000	22.3	23.3	29.2	30.8	35.9	38.0	39.3	40.2	40.9	41.5	41.9	42.0	42.1	42.2	42.3	42.9
GE 4500	22.8	24.0	30.1	31.8	37.3	39.4	40.7	41.7	42.4	42.9	43.3	43.4	43.5	43.7	43.7	44.3
GE 4000	25.8	27.1	34.1	36.3	42.4	44.6	46.0	46.9	47.6	48.2	48.6	48.8	48.9	49.0	49.1	49.7
GE 3500	30.5	32.1	40.3	42.7	49.4	51.7	53.2	54.2	54.9	55.5	56.0	56.1	56.2	56.4	56.5	57.2
GE 3000	37.2	39.1	49.2	52.1	60.3	63.1	64.7	66.0	67.0	67.7	68.2	68.4	68.5	68.6	68.7	69.4
GE 2500	39.9	41.9	53.2	56.6	65.5	68.5	70.2	71.8	72.9	73.7	74.3	74.5	74.6	74.8	74.9	75.5
GE 2000	42.4	44.5	57.4	61.5	71.5	75.1	77.1	79.1	80.2	81.3	81.9	82.2	82.3	82.5	82.6	83.3
GE 1800	42.7	44.9	57.9	62.1	72.3	76.0	78.1	80.0	81.1	82.3	83.0	83.3	83.4	83.6	83.7	84.4
GE 1500	43.3	45.6	59.2	63.8	75.2	79.3	81.5	83.6	84.9	86.2	87.1	87.5	87.6	87.8	87.9	88.6
GE 1200	43.9	46.2	60.4	65.3	77.2	81.4	83.9	86.1	87.6	88.9	89.9	90.3	90.5	90.6	90.7	91.4
GE 1000	44.1	46.4	60.7	65.9	78.7	83.0	85.7	88.3	89.9	91.4	92.4	92.8	93.0	93.2	93.3	94.0
GE 900	44.1	46.4	60.8	66.0	78.9	83.2	85.9	88.6	90.2	91.7	92.7	93.1	93.3	93.5	93.6	94.3
GE 800	44.1	46.4	60.9	66.1	79.1	83.7	86.4	89.1	90.8	92.3	93.5	93.9	94.1	94.5	94.6	95.3
GE 700	44.1	46.4	60.9	66.2	79.2	84.1	86.9	89.6	91.3	93.2	94.4	94.8	95.0	95.4	95.5	96.3
GE 600	44.1	46.4	60.9	66.2	79.7	84.7	87.6	90.3	92.1	94.0	95.2	95.6	95.9	96.4	96.5	97.4
GE 500	44.1	46.4	60.9	66.2	79.7	84.7	87.6	90.5	92.3	94.1	95.4	96.0	96.2	96.8	96.9	97.8
GE 400	44.1	46.4	60.9	66.2	79.8	84.8	87.7	90.6	92.4	94.4	95.8	96.5	96.7	97.4	97.6	98.5
GE 300	44.1	46.4	61.0	66.2	79.8	84.8	87.7	90.6	92.5	94.5	95.9	96.7	97.0	97.8	98.0	99.1
GE 200	44.1	46.4	61.0	66.2	79.8	84.8	87.7	90.6	92.5	94.5	95.9	96.7	97.0	97.9	98.1	99.4
GE 100	44.1	46.4	61.0	66.2	79.8	84.8	87.7	90.6	92.5	94.5	95.9	96.7	97.0	97.9	98.2	99.8
GE 000	44.1	46.4	61.0	66.2	79.8	84.8	87.7	90.6	92.5	94.5	95.9	96.7	97.0	97.9	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 3398

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	15.1	15.6	20.9	22.1	25.4	26.9	27.7	28.3	28.8	29.1	29.1	29.1	29.1	29.2	29.4	30.7
GE 20000	17.4	18.4	24.3	25.5	29.4	31.0	31.7	32.6	33.1	33.4	33.4	33.5	33.7	33.8	34.0	35.5
GE 18000	17.7	18.7	24.8	26.0	29.8	31.5	32.3	33.1	33.5	33.8	33.8	34.0	34.1	34.3	34.4	35.9
GE 16000	17.7	18.7	24.8	26.0	29.8	31.5	32.3	33.1	33.5	33.8	33.8	34.0	34.1	34.3	34.4	35.9
GE 14000	17.7	18.7	24.8	26.0	29.8	31.5	32.3	33.1	33.5	33.8	33.8	34.0	34.1	34.3	34.4	35.9
GE 12000	17.8	18.8	25.1	26.3	30.3	31.9	32.8	33.5	34.0	34.3	34.3	34.4	34.6	34.7	34.9	36.4
GE 10000	18.5	19.7	26.0	27.2	31.2	32.8	33.8	34.7	35.2	35.5	35.6	35.8	35.9	36.1	36.2	37.7
GE 9000	20.8	22.3	28.5	29.7	34.0	35.8	36.9	37.8	38.3	38.7	38.9	39.0	39.2	39.3	39.5	40.9
GE 8000	23.4	25.1	32.6	33.8	38.7	40.9	42.1	43.2	43.8	44.5	44.7	44.8	45.0	45.4	45.5	47.0
GE 7000	24.5	26.1	34.6	35.8	40.7	43.2	44.5	46.0	46.6	47.3	47.5	47.6	47.8	48.2	48.4	49.9
GE 6000	24.6	26.3	34.7	35.1	41.1	43.6	45.0	46.4	47.0	47.8	47.9	48.1	48.2	48.7	48.8	50.3
GE 5000	25.4	27.0	35.8	37.2	43.0	46.0	47.3	48.8	49.4	50.1	50.3	50.4	50.6	51.0	51.2	52.7
GE 4500	27.2	28.8	37.5	39.0	44.8	47.8	49.1	50.7	51.6	52.5	52.7	52.8	53.0	53.4	53.6	55.0
GE 4000	28.6	30.4	39.3	41.2	47.0	50.6	51.9	53.6	54.7	55.6	56.1	56.5	56.7	57.1	57.3	58.8
GE 3500	30.4	32.2	41.5	43.5	49.6	53.3	54.6	56.2	57.6	58.5	58.9	59.3	59.5	59.9	60.1	61.6
GE 3000	34.0	35.9	46.1	48.7	55.0	58.8	60.2	62.2	64.1	65.6	66.2	66.6	66.8	67.2	67.5	69.0
GE 2500	35.8	37.7	48.8	51.3	58.5	62.2	63.9	66.0	68.1	70.0	70.8	71.2	71.4	71.8	72.1	73.6
GE 2000	37.4	39.5	51.5	54.5	63.1	67.1	69.1	71.5	73.7	75.8	76.6	77.3	77.4	77.9	78.2	79.7
GE 1800	38.0	40.1	52.4	55.3	64.1	68.1	70.2	72.6	74.8	76.9	77.6	78.3	78.5	78.9	79.2	80.7
GE 1500	38.4	40.5	53.7	57.0	66.6	70.8	72.8	75.4	77.6	79.7	80.7	81.5	81.6	82.0	82.5	84.3
GE 1200	38.4	40.5	54.2	57.7	67.7	72.4	74.5	77.3	79.7	82.5	83.7	84.4	84.6	85.0	85.5	87.2
GE 1000	38.4	40.5	54.3	58.3	68.7	73.4	75.5	78.5	81.2	84.1	85.3	86.2	86.4	86.8	87.2	89.5
GE 900	38.4	40.5	54.5	58.5	69.1	74.0	76.3	79.4	82.0	85.0	86.4	87.2	87.4	87.8	88.3	90.5
GE 800	38.4	40.5	54.5	58.5	69.6	74.8	77.0	80.4	83.2	86.2	87.5	88.4	88.6	89.0	89.5	91.7
GE 700	38.4	40.5	54.5	58.5	70.3	75.7	78.0	81.5	84.3	87.2	88.6	89.5	89.9	90.4	90.8	93.0
GE 600	38.4	40.5	54.5	58.5	70.3	76.0	78.6	82.0	84.9	87.8	89.2	90.5	90.9	91.4	91.8	94.1
GE 500	38.4	40.5	54.5	58.5	70.3	76.0	78.6	82.0	84.9	87.8	89.2	90.7	91.1	91.7	92.1	94.4
GE 400	38.4	40.5	54.5	58.5	70.3	76.0	78.6	82.2	85.0	88.0	89.3	90.8	91.2	91.8	92.3	94.8
GE 300	38.4	40.5	54.5	58.5	70.3	76.0	78.6	82.6	85.5	88.4	89.8	91.2	91.7	92.4	92.9	96.0
GE 200	38.4	40.5	54.5	58.5	70.3	76.0	78.6	82.6	85.5	88.4	89.8	91.2	92.0	92.6	93.0	99.4
GE 100	38.4	40.5	54.5	58.5	70.3	76.0	78.6	82.6	85.5	88.4	89.8	91.2	92.0	92.6	93.0	100.0
GE 000	38.4	40.5	54.5	58.5	70.3	76.0	78.6	82.6	85.5	88.4	89.8	91.2	92.0	92.6	93.0	100.0

TOTAL NUMBER OF OBSERVATIONS 674

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	21.1	22.3	26.5	27.8	30.7	30.9	30.9	31.0	31.8	31.8	31.8	31.8	31.8	31.9	32.1	32.1
GE 20000	23.9	25.2	30.5	31.8	34.8	35.1	35.1	35.3	36.0	36.0	36.0	36.0	36.0	36.2	36.3	36.3
GE 18000	25.2	26.5	31.8	33.1	36.2	36.5	36.5	36.6	37.3	37.3	37.3	37.3	37.3	37.5	37.6	37.6
GE 16000	25.2	26.5	31.8	33.1	36.2	36.5	36.5	36.6	37.3	37.3	37.3	37.3	37.3	37.5	37.6	37.6
GE 14000	25.2	26.5	31.8	33.1	36.2	36.5	36.5	36.6	37.3	37.3	37.3	37.3	37.3	37.5	37.6	37.6
GE 12000	25.5	26.8	32.1	33.4	36.5	36.7	36.7	36.9	37.6	37.6	37.6	37.6	37.6	37.8	37.9	37.9
GE 10000	26.6	28.1	33.5	34.8	38.7	38.9	38.9	39.1	40.0	40.1	40.1	40.1	40.1	40.4	40.6	40.6
GE 9000	28.6	30.0	35.6	36.9	40.8	41.3	41.4	41.6	42.5	42.6	42.8	42.8	42.8	43.0	43.2	43.2
GE 8000	30.2	31.6	37.3	39.2	44.2	44.7	44.9	45.2	46.1	46.3	46.6	46.6	46.6	46.9	47.0	47.0
GE 7000	30.7	32.2	37.4	40.6	46.0	46.6	47.0	47.3	48.2	48.3	48.6	48.6	48.6	48.9	49.0	49.0
GE 6000	30.7	32.2	38.4	40.6	46.0	46.6	47.0	47.3	48.2	48.3	48.6	48.6	48.6	48.9	49.0	49.0
GE 5000	31.2	32.7	38.9	41.1	47.0	47.6	48.0	48.3	49.2	49.3	49.6	49.6	49.6	49.9	50.1	50.1
GE 4500	32.1	33.7	40.1	42.3	48.2	48.8	49.3	49.6	50.5	50.7	51.0	51.0	51.0	51.2	51.4	51.4
GE 4000	34.6	36.3	43.3	45.5	52.0	52.7	53.3	53.6	54.5	54.6	55.1	55.1	55.1	55.3	55.5	55.5
GE 3500	39.5	41.7	49.5	52.0	58.9	59.7	60.5	60.8	61.8	61.9	62.7	62.7	62.7	63.0	63.1	63.1
GE 3000	46.7	48.9	58.1	60.8	68.5	69.5	70.4	70.7	72.0	72.2	72.9	72.9	72.9	73.2	73.4	73.4
GE 2500	49.0	51.2	61.3	64.7	72.6	73.8	74.7	75.3	76.9	77.6	78.5	78.5	78.5	78.8	78.9	78.9
GE 2000	50.7	52.9	63.7	67.8	75.7	77.3	78.2	78.9	80.7	81.6	82.4	82.4	82.4	82.7	82.9	82.9
GE 1800	50.7	52.9	63.8	68.8	77.0	78.6	79.5	80.2	82.0	82.9	83.7	83.7	83.7	84.0	84.2	84.2
GE 1500	52.3	54.5	66.6	71.9	80.7	82.4	83.5	84.6	86.5	87.7	88.6	88.6	88.6	88.9	89.0	89.0
GE 1200	52.9	55.1	67.6	73.2	82.9	84.8	85.9	87.4	89.8	90.9	91.8	91.8	91.8	92.1	92.2	92.2
GE 1000	52.9	55.1	68.4	74.2	84.3	86.2	87.4	89.2	91.5	92.7	93.6	93.6	93.6	93.9	94.0	94.0
GE 900	52.9	55.1	68.4	74.2	84.5	86.5	88.0	89.9	92.2	93.4	94.3	94.3	94.3	94.6	94.7	94.7
GE 800	52.9	55.1	68.4	74.2	84.6	86.8	88.4	90.6	93.0	94.3	95.2	95.2	95.2	95.5	95.6	95.6
GE 700	52.9	55.1	68.4	74.2	84.9	87.1	88.7	91.1	93.4	94.7	95.8	95.8	96.0	96.3	96.5	96.5
GE 600	52.9	55.1	68.4	74.2	84.9	87.1	88.7	91.2	93.6	94.9	95.9	96.6	97.1	97.4	97.5	97.5
GE 500	52.9	55.1	68.4	74.2	84.9	87.1	88.7	91.2	93.7	95.0	96.5	97.2	97.8	98.2	98.5	98.7
GE 400	52.9	55.1	68.4	74.2	84.9	87.1	88.7	91.4	93.9	95.2	96.6	97.4	98.1	98.5	98.8	99.0
GE 300	52.9	55.1	68.4	74.2	84.9	87.1	88.7	91.4	93.9	95.2	96.6	97.4	98.2	98.7	99.1	99.6
GE 200	52.9	55.1	68.4	74.2	84.9	87.1	88.7	91.4	93.9	95.2	96.6	97.4	98.2	98.7	99.3	100.0
GE 100	52.9	55.1	68.4	74.2	84.9	87.1	88.7	91.4	93.9	95.2	96.6	97.4	98.2	98.7	99.3	100.0
GE 000	52.9	55.1	68.4	74.2	84.9	87.1	88.7	91.4	93.9	95.2	96.6	97.4	98.2	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 683

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: APR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CRIL	26.1	27.4	29.0	29.3	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 20000	29.6	31.0	32.7	33.2	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
GE 18000	30.4	31.8	33.5	34.0	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 16000	30.5	31.9	33.6	34.1	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 14000	30.7	32.1	33.8	34.3	35.7	35.8	35.8	35.8	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 12000	30.8	32.2	34.0	34.4	36.2	36.3	36.3	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 10000	34.1	35.5	37.4	38.0	40.2	40.4	40.5	40.5	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 9000	35.2	36.6	38.8	39.4	41.6	41.8	41.9	41.9	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 8000	37.7	39.1	42.4	43.0	45.5	45.7	45.9	45.9	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 7000	38.5	39.9	44.3	44.9	47.4	47.9	48.0	48.0	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 6000	38.7	40.1	44.4	45.1	47.6	48.0	48.2	48.2	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 5000	39.7	41.2	45.7	46.3	49.3	49.8	49.9	49.9	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 4500	40.5	41.9	46.6	47.3	50.5	51.0	51.2	51.2	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 4000	45.5	46.9	52.6	53.2	56.5	57.0	57.1	57.1	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 3500	52.7	54.3	61.3	62.0	65.7	66.2	66.4	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 3000	62.1	64.3	72.8	74.2	78.7	79.2	79.3	79.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 2500	64.6	67.1	76.5	78.1	83.6	84.5	84.7	85.0	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 2000	67.1	69.8	80.0	81.7	88.3	89.7	90.1	90.6	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1800	67.1	70.0	80.3	82.2	89.4	90.8	91.2	91.7	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1500	67.8	70.6	81.8	83.9	92.0	93.7	94.2	94.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1200	68.1	70.9	82.5	85.0	93.7	95.5	95.9	96.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1000	68.1	70.9	82.5	85.0	93.7	95.5	95.9	96.6	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	68.1	70.9	82.5	85.0	93.7	95.5	95.9	96.6	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	68.2	71.0	82.6	85.1	93.9	95.8	96.2	96.9	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	68.2	71.0	82.6	85.1	94.4	96.2	96.7	97.7	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	68.2	71.0	82.6	85.1	94.4	96.2	96.7	97.7	98.9	99.5	99.5	99.8	99.8	99.8	99.8	99.8
GE 500	68.2	71.0	82.6	85.1	94.4	96.2	96.9	97.8	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 400	68.2	71.0	82.6	85.1	94.4	96.2	96.9	97.8	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 300	68.2	71.0	82.6	85.1	94.4	96.2	96.9	97.8	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 200	68.2	71.0	82.6	85.1	94.4	96.2	96.9	97.8	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 100	68.2	71.0	82.6	85.1	94.4	96.2	96.9	97.8	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 639

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL

PERIOD OF RECORD: MAR 81 - FEB 91

LST TO UTC: - 1

MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	26.9	28.5	30.2	30.5	31.4	31.4	31.4	31.4	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
GE 20000	31.9	31.7	35.4	35.8	36.6	36.8	36.8	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 18000	32.5	34.4	36.1	36.6	37.6	37.8	37.8	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 16000	32.7	34.6	36.3	36.8	37.8	38.0	38.0	38.0	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 14000	32.9	34.7	36.4	37.1	38.1	38.3	38.3	38.3	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
GE 12000	33.9	35.8	37.6	38.3	39.3	39.5	39.5	39.5	39.9	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 10000	37.8	39.8	41.7	42.4	43.6	43.9	43.9	43.9	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 9000	38.8	40.8	42.9	43.6	44.7	45.1	45.1	45.1	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 8000	41.5	43.7	46.1	46.8	48.3	48.6	48.6	48.6	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 7000	41.9	46.4	49.3	50.0	51.5	51.9	51.9	51.9	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 6000	41.9	46.4	49.5	50.2	51.7	52.0	52.0	52.0	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 5000	46.4	49.2	52.4	53.1	54.6	54.9	54.9	54.9	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 4500	47.5	50.2	53.4	54.1	55.6	55.9	55.9	55.9	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 4000	51.5	54.6	59.3	60.3	61.9	62.2	62.2	62.5	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 3500	58.8	61.9	67.8	69.0	70.5	70.8	70.8	71.2	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 3000	68.3	72.0	78.8	80.0	82.5	83.2	83.2	83.7	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 2500	70.0	73.7	81.2	83.2	85.9	86.8	86.9	87.5	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 2000	72.5	76.6	84.4	86.9	90.5	91.4	92.0	92.7	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1800	72.5	76.6	84.6	87.1	90.8	91.7	92.4	93.1	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1500	73.1	77.1	85.6	88.5	92.9	94.1	94.7	95.4	96.3	96.4	96.4	96.6	96.6	96.6	96.6	96.6
GE 1200	73.2	77.3	86.3	89.8	94.2	95.6	96.3	96.9	97.8	98.5	98.5	98.6	98.8	98.8	98.8	98.8
GE 1000	73.2	77.3	86.3	89.8	94.2	95.8	96.4	97.1	98.0	98.6	98.6	98.8	99.0	99.0	99.0	99.0
GE 900	73.4	77.5	86.4	90.0	94.7	96.4	97.1	97.8	98.6	99.3	99.3	99.5	99.7	99.7	99.7	99.7
GE 800	73.4	77.5	86.4	90.0	94.7	96.8	97.5	98.1	99.0	99.7	99.7	99.8	100.0	100.0	100.0	100.0
GE 700	73.4	77.5	86.4	90.0	94.7	96.8	97.5	98.1	99.0	99.7	99.7	99.8	100.0	100.0	100.0	100.0
GE 600	73.4	77.5	86.4	90.0	94.7	96.8	97.5	98.1	99.0	99.7	99.7	99.8	100.0	100.0	100.0	100.0
GE 500	73.4	77.5	86.4	90.0	94.7	96.8	97.5	98.1	99.0	99.7	99.7	99.8	100.0	100.0	100.0	100.0
GE 400	73.4	77.5	86.4	90.0	94.7	96.8	97.5	98.1	99.0	99.7	99.7	99.8	100.0	100.0	100.0	100.0
GE 300	73.4	77.5	86.4	90.0	94.7	96.8	97.5	98.1	99.0	99.7	99.7	99.8	100.0	100.0	100.0	100.0
GE 200	73.4	77.5	86.4	90.0	94.7	96.8	97.5	98.1	99.0	99.7	99.7	99.8	100.0	100.0	100.0	100.0
GE 100	73.4	77.5	86.4	90.0	94.7	96.8	97.5	98.1	99.0	99.7	99.7	99.8	100.0	100.0	100.0	100.0
GE 000	73.4	77.5	86.4	90.0	94.7	96.8	97.5	98.1	99.0	99.7	99.7	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 590

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: APR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	28.6	29.6	31.5	31.8	33.1	33.1	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
GE 20000	35.2	36.9	39.2	39.7	41.2	41.4	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 18000	35.8	37.5	39.9	40.5	42.0	42.2	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 16000	36.3	38.0	40.5	41.1	42.6	42.7	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 14000	36.7	38.4	40.9	41.4	42.9	43.1	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 12000	37.1	38.8	41.2	41.8	43.3	43.5	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 10000	39.4	41.2	43.7	44.3	46.0	46.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 9000	41.7	41.6	44.1	44.6	46.5	47.1	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 8000	43.3	46.3	49.5	50.5	52.5	53.1	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 7500	46.7	49.0	52.5	53.7	55.9	56.5	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 6000	46.7	49.0	52.5	53.7	55.9	56.5	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 5000	48.6	51.0	55.4	56.5	58.9	59.5	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 4500	50.1	52.5	57.3	58.6	61.0	61.6	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 4000	54.4	56.9	62.3	64.2	67.4	68.0	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 3500	60.8	63.5	69.5	71.6	74.8	75.3	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 3000	68.7	71.9	78.5	80.8	84.6	85.1	85.9	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 2500	69.3	72.7	79.5	81.9	86.4	87.0	87.8	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 2000	70.1	73.4	81.2	84.2	89.5	90.6	91.9	93.2	93.2	93.2	93.2	93.2	93.4	93.4	93.4	93.4
GE 1800	70.2	73.6	81.5	84.6	89.8	91.0	92.3	93.6	93.6	93.6	93.6	93.8	93.8	93.8	93.8	93.8
GE 1500	70.2	73.6	82.3	85.5	91.1	92.5	94.0	95.3	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9
GE 1200	71.0	74.4	83.1	86.6	92.3	94.2	95.7	97.0	97.4	97.4	97.4	97.9	97.9	97.9	97.9	97.9
GE 1000	71.2	74.6	83.2	86.8	93.2	95.1	96.6	97.9	98.3	98.3	98.3	98.9	98.9	98.9	98.9	98.9
GE 900	71.2	74.6	83.6	87.2	93.6	95.5	97.0	98.3	98.7	98.7	98.7	99.2	99.2	99.2	99.2	99.2
GE 800	71.2	74.6	83.6	87.2	93.6	95.5	97.0	98.3	98.7	98.7	98.7	99.2	99.2	99.2	99.2	99.2
GE 700	71.2	74.6	83.6	87.2	93.8	95.7	97.2	98.5	98.9	98.9	98.9	99.4	99.4	99.4	99.4	99.4
GE 600	71.2	74.6	83.6	87.2	93.8	95.9	97.4	98.7	99.1	99.1	99.1	99.6	99.6	99.6	99.6	99.6
GE 500	71.2	74.6	83.6	87.2	93.8	95.9	97.4	99.1	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0
GE 400	71.2	74.6	83.6	87.2	93.8	95.9	97.4	99.1	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0
GE 300	71.2	74.6	83.6	87.2	93.8	95.9	97.4	99.1	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0
GE 200	71.2	74.6	83.6	87.2	93.8	95.9	97.4	99.1	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0
GE 100	71.2	74.6	83.6	87.2	93.8	95.9	97.4	99.1	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0
GE 000	71.2	74.6	83.6	87.2	93.8	95.9	97.4	99.1	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 511

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: APR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	31.2	31.9	35.5	36.2	39.0	39.0	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 20000	35.5	36.2	40.4	41.1	44.7	44.7	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 18000	36.2	36.9	41.8	42.6	46.1	46.1	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 16000	36.2	36.9	41.8	42.6	46.1	46.1	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 14000	36.2	36.9	41.8	42.6	46.1	46.1	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 12000	36.2	36.9	41.8	42.6	46.1	46.1	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 10000	37.6	38.3	43.3	44.0	47.5	47.5	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 9000	37.6	38.3	43.3	44.0	47.5	47.5	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 8000	40.4	41.1	46.1	46.8	51.1	51.1	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 7000	46.8	47.5	52.5	53.2	57.4	58.2	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 6000	46.8	47.5	52.5	53.2	57.4	58.2	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 5000	48.9	49.6	55.3	56.0	61.0	61.7	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 4500	50.4	51.1	56.7	57.4	62.4	63.1	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 4000	52.5	53.2	59.6	60.3	66.0	66.7	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 3500	57.4	58.9	67.4	68.8	74.5	75.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 3000	64.5	68.1	80.9	82.3	88.7	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 2500	64.5	68.1	83.0	84.4	91.5	92.9	93.6	93.6	93.6	93.6	93.6	94.3	94.3	94.3	94.3	94.3
GE 2000	65.2	68.8	83.7	85.1	94.3	95.7	96.5	96.5	96.5	96.5	96.5	97.2	97.2	97.2	97.2	97.2
GE 1800	65.2	68.8	83.7	85.1	94.3	95.7	96.5	96.5	96.5	96.5	96.5	97.2	97.2	97.2	97.2	97.2
GE 1500	65.2	68.8	84.4	85.8	95.7	97.2	97.9	97.9	97.9	97.9	97.9	98.6	98.6	98.6	98.6	98.6
GE 1200	65.2	68.8	84.4	85.8	95.7	97.2	97.9	97.9	97.9	97.9	97.9	98.6	98.6	98.6	98.6	98.6
GE 1000	65.2	68.8	84.4	85.8	96.5	97.9	98.6	98.6	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3
GE 900	65.2	68.8	84.4	85.8	96.5	97.9	98.6	98.6	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3
GE 800	65.2	68.8	84.4	85.8	96.5	97.9	98.6	98.6	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3
GE 700	65.2	68.8	84.4	85.8	96.5	97.9	98.6	98.6	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3
GE 600	65.2	68.8	84.4	85.8	96.5	97.9	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE 500	65.2	68.8	84.4	85.8	96.5	97.9	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE 400	65.2	68.8	84.4	85.8	96.5	97.9	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE 300	65.2	68.8	84.4	85.8	96.5	97.9	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE 200	65.2	68.8	84.4	85.8	96.5	97.9	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE 100	65.2	68.8	84.4	85.8	96.5	97.9	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE 000	65.2	68.8	84.4	85.8	96.5	97.9	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 141

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	23.6	24.6	27.7	28.4	30.4	30.8	31.1	31.2	31.6	31.6	31.6	31.6	31.6	31.7	31.7	32.0
GE 20000	27.4	28.9	32.4	33.2	35.4	35.9	36.2	36.4	36.7	36.7	36.7	36.8	36.8	36.9	36.9	37.2
GE 18000	28.2	29.6	33.2	34.0	36.3	36.8	37.1	37.3	37.6	37.7	37.7	37.7	37.7	37.8	37.8	38.2
GE 16000	28.3	29.7	33.4	34.2	36.5	37.0	37.3	37.4	37.8	37.8	37.8	37.8	37.9	37.9	38.0	38.3
GE 14000	28.5	29.9	33.5	34.3	36.6	37.1	37.4	37.6	38.0	38.0	38.0	38.1	38.1	38.2	38.2	38.5
GE 12000	28.8	30.2	33.9	34.8	37.2	37.7	38.0	38.2	38.5	38.6	38.6	38.6	38.6	38.7	38.7	39.0
GE 10000	31.0	32.5	36.3	37.2	39.9	40.5	40.8	41.0	41.4	41.5	41.5	41.6	41.6	41.7	41.7	42.1
GE 9000	32.3	33.9	37.8	38.7	41.5	42.1	42.6	42.8	43.2	43.3	43.4	43.4	43.4	43.5	43.6	43.9
GE 8000	35.1	36.7	41.3	42.4	45.7	46.5	46.9	47.2	47.7	47.9	47.9	48.0	48.0	48.2	48.2	48.5
GE 7000	36.6	38.4	43.6	44.8	48.3	49.2	49.7	50.1	50.6	50.7	50.8	50.9	50.9	51.0	51.1	51.4
GE 6000	36.7	38.5	43.7	44.9	48.4	49.4	49.9	50.2	50.7	50.9	51.0	51.0	51.0	51.2	51.3	51.6
GE 5000	38.0	39.9	45.4	46.7	50.6	51.6	52.1	52.5	52.9	53.1	53.2	53.3	53.3	53.4	53.5	53.8
GE 4500	39.2	41.1	46.8	48.0	52.0	53.0	53.6	54.0	54.5	54.7	54.8	54.8	54.9	55.0	55.1	55.4
GE 4000	42.6	44.6	51.0	52.5	56.8	57.9	58.5	58.9	59.5	59.8	59.9	60.0	60.1	60.2	60.3	60.6
GE 3500	48.0	50.2	57.5	59.2	63.7	64.9	65.5	65.9	66.6	66.8	67.1	67.2	67.2	67.3	67.4	67.7
GE 3000	55.4	58.0	66.6	68.6	73.8	75.1	75.8	76.5	77.4	77.8	78.1	78.1	78.2	78.3	78.4	78.7
GE 2500	57.1	59.9	69.2	71.6	77.3	78.8	79.6	80.4	81.5	82.1	82.4	82.6	82.6	82.8	82.8	83.1
GE 2000	58.9	61.8	71.8	74.6	81.3	83.1	84.2	85.3	86.4	87.0	87.4	87.6	87.6	87.8	87.9	88.2
GE 1800	59.1	61.9	72.2	75.2	82.1	83.9	85.0	86.1	87.2	87.9	88.2	88.4	88.5	88.6	88.7	89.0
GE 1500	59.7	62.6	73.7	77.0	84.6	86.6	87.8	89.0	90.2	90.9	91.3	91.6	91.6	91.8	91.9	92.3
GE 1200	60.0	62.9	74.4	78.1	86.0	88.3	89.5	90.8	92.3	93.2	93.7	94.0	94.0	94.2	94.3	94.7
GE 1000	60.1	63.0	74.6	78.4	86.7	89.1	90.2	91.7	93.2	94.3	94.7	95.0	95.1	95.2	95.4	95.8
GE 900	60.1	63.0	74.7	78.5	87.0	89.4	90.7	92.2	93.7	94.8	95.2	95.6	95.6	95.8	95.9	96.4
GE 800	60.1	63.0	74.7	78.6	87.1	89.8	91.1	92.7	94.2	95.3	95.8	96.1	96.2	96.3	96.5	96.9
GE 700	60.1	63.0	74.7	78.6	87.5	90.1	91.5	93.2	94.7	95.9	96.3	96.7	96.9	97.0	97.1	97.6
GE 600	60.1	63.0	74.7	78.6	87.5	90.2	91.7	93.4	94.9	96.1	96.6	97.2	97.4	97.6	97.7	98.2
GE 500	60.1	63.0	74.7	78.6	87.5	90.2	91.7	93.5	95.1	96.2	96.8	97.5	97.7	97.9	98.1	98.6
GE 400	60.1	63.0	74.7	78.6	87.5	90.2	91.7	93.6	95.1	96.3	96.8	97.5	97.8	98.0	98.2	98.7
GE 300	60.1	63.0	74.7	78.6	87.5	90.2	91.7	93.6	95.2	96.3	96.9	97.6	97.9	98.2	98.3	99.1
GE 200	60.1	63.0	74.7	78.6	87.5	90.2	91.7	93.6	95.2	96.3	96.9	97.6	98.0	98.2	98.4	99.9
GE 100	60.1	63.0	74.7	78.6	87.5	90.2	91.7	93.6	95.2	96.3	96.9	97.6	98.0	98.2	98.4	100.0
GE 000	60.1	63.0	74.7	78.6	87.5	90.2	91.7	93.6	95.2	96.3	96.9	97.6	98.0	98.2	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 3258

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAY HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	18.3	18.6	23.3	24.6	30.1	31.5	32.6	33.0	33.9	33.9	34.3	34.3	34.3	34.7	35.3	36.3
GE 20000	21.2	21.5	26.7	28.3	34.3	35.8	37.0	37.5	38.4	38.4	38.7	38.7	38.7	39.2	39.8	40.7
GE 18000	22.3	22.6	27.8	29.3	35.3	36.9	38.1	38.6	39.5	39.5	39.8	39.8	39.8	40.2	40.9	41.8
GE 16000	22.3	22.6	27.8	29.3	35.3	36.9	38.1	38.6	39.5	39.5	39.8	39.8	39.8	40.2	40.9	41.8
GE 14000	22.3	22.6	27.8	29.3	35.3	36.9	38.1	38.6	39.5	39.5	39.8	39.8	39.8	40.2	40.9	41.8
GE 12000	22.7	23.0	28.7	30.3	36.4	37.9	39.2	39.6	40.6	40.6	40.9	40.9	40.9	41.3	41.9	42.9
GE 10000	24.3	24.6	30.6	32.3	38.6	40.1	41.3	42.1	43.0	43.0	43.3	43.3	43.3	43.8	44.4	45.3
GE 9000	25.5	25.8	32.0	33.9	40.7	42.5	44.2	45.3	46.4	46.4	46.7	46.7	46.7	47.2	47.8	48.7
GE 8000	28.7	29.2	36.1	38.1	45.2	47.2	49.2	50.2	51.3	51.5	51.9	51.9	51.9	52.4	53.0	53.9
GE 7000	30.4	30.9	37.9	40.1	47.2	49.2	51.2	52.2	53.7	53.5	53.9	53.9	53.9	54.4	55.0	55.9
GE 6000	31.2	31.6	38.7	40.9	47.9	49.9	51.9	53.0	54.1	54.2	54.7	54.7	54.7	55.1	55.8	56.7
GE 5000	33.6	34.4	41.8	43.9	51.0	53.1	55.1	56.2	57.3	57.5	57.9	57.9	57.9	58.4	59.0	59.9
GE 4500	34.3	35.0	42.9	45.5	52.8	55.0	57.0	58.2	59.3	59.4	59.9	59.9	59.9	60.4	61.0	61.9
GE 4000	35.8	36.6	44.9	47.5	55.1	57.3	59.4	61.0	62.1	62.2	62.7	62.7	62.7	63.1	63.7	64.7
GE 3500	39.0	40.1	48.8	51.8	59.8	62.2	64.4	66.1	67.1	67.3	67.7	67.7	67.7	68.2	68.8	69.7
GE 3000	40.4	41.6	51.0	53.9	63.9	66.8	69.0	70.7	71.7	71.9	72.4	72.4	72.4	72.8	73.4	74.3
GE 2500	41.5	42.7	52.4	55.5	67.0	70.0	72.2	74.3	75.4	75.6	76.0	76.0	76.0	76.5	77.1	78.0
GE 2000	42.1	43.5	53.3	56.7	69.1	72.4	74.5	76.7	77.7	77.9	78.3	78.3	78.3	78.8	79.4	80.3
GE 1800	42.5	43.9	54.1	57.8	70.8	74.0	76.2	78.3	79.4	79.6	80.0	80.0	80.0	80.5	81.1	82.0
GE 1500	44.4	45.8	57.3	61.1	75.6	79.0	81.4	83.9	85.1	85.4	85.9	85.9	85.9	86.3	86.9	87.9
GE 1200	44.7	46.1	58.1	62.1	76.8	80.6	83.3	86.0	87.4	87.9	88.3	88.3	88.3	88.8	89.4	90.3
GE 1000	44.9	46.2	59.1	63.1	79.4	83.3	86.2	89.1	90.5	90.9	91.6	91.6	91.6	92.0	92.6	93.5
GE 900	44.9	46.2	59.1	63.3	79.7	83.6	86.5	89.6	90.9	91.4	92.0	92.0	92.0	92.5	93.1	94.0
GE 800	44.9	46.2	59.1	63.3	79.9	83.7	86.6	89.7	91.1	91.6	92.2	92.2	92.3	92.8	93.4	94.3
GE 700	44.9	46.2	59.1	63.4	80.2	84.0	86.9	90.0	91.6	92.0	92.6	92.6	92.8	93.2	93.9	94.8
GE 600	44.9	46.2	59.1	63.4	80.5	84.8	87.7	90.8	92.3	92.8	93.4	93.4	93.5	94.0	94.6	95.5
GE 500	44.9	46.2	59.1	63.4	80.5	84.8	87.7	90.9	92.5	92.9	93.9	93.9	94.0	94.6	95.2	96.5
GE 400	44.9	46.2	59.1	63.4	80.6	85.1	88.0	91.2	92.8	93.2	94.2	94.2	94.3	94.9	95.9	98.0
GE 300	44.9	46.2	59.1	63.4	80.6	85.1	88.0	91.2	92.8	93.2	94.3	94.3	94.5	95.1	96.0	98.8
GE 200	44.9	46.2	59.1	63.4	80.6	85.1	88.0	91.2	92.8	93.2	94.3	94.3	94.5	95.1	96.0	98.8
GE 100	44.9	46.2	59.1	63.4	80.6	85.1	88.0	91.2	92.8	93.2	94.3	94.3	94.5	95.1	96.2	100.0
GE 000	44.9	46.2	59.1	63.4	80.6	85.1	88.0	91.2	92.8	93.2	94.3	94.3	94.5	95.1	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS 651

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAY HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	29.4	29.8	34.1	35.2	36.2	36.5	36.5	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 20000	32.6	33.3	38.5	39.8	41.1	41.6	41.6	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 18000	33.3	34.1	39.3	40.5	41.9	42.4	42.4	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 16000	33.3	34.1	39.3	40.5	41.9	42.4	42.4	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 14000	33.5	34.3	39.4	40.7	42.0	42.5	42.5	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 12000	33.8	34.6	39.8	41.0	42.4	42.8	42.8	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 10000	35.3	36.1	41.7	43.0	44.6	45.1	45.1	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 9000	37.2	37.9	43.6	45.0	46.8	47.4	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 8000	41.3	42.0	48.6	50.3	52.8	53.5	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 7000	43.0	43.9	50.6	52.3	54.7	55.5	55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 6000	43.6	44.5	51.2	52.9	55.5	56.3	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 5000	44.6	45.7	52.9	54.6	57.3	58.1	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 4500	45.9	46.9	54.6	56.3	59.3	60.1	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 4000	49.2	50.3	58.6	60.4	63.6	64.4	64.4	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8
GE 3500	53.5	54.6	64.4	66.7	70.2	70.9	70.9	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4
GE 3000	61.8	63.0	73.7	76.0	80.7	81.8	82.0	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4
GE 2500	64.7	65.9	76.9	79.7	84.9	86.1	86.2	86.7	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0
GE 2000	67.0	68.5	79.8	83.2	89.3	90.5	90.7	91.1	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4
GE 1800	67.1	68.7	80.3	83.6	90.1	91.3	91.4	91.9	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2
GE 1500	67.6	69.1	81.5	85.5	92.8	94.0	94.3	4.8	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1
GE 1200	67.7	69.3	82.0	86.1	93.9	95.1	95.4	95.9	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2
GE 1000	67.7	69.3	83.0	87.8	96.5	97.7	98.0	98.5	98.8	98.8	98.9	99.1	99.1	99.1	99.1	99.1
GE 900	67.7	69.3	83.0	87.9	96.6	97.9	98.2	98.6	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2
GE 800	67.7	69.3	83.0	87.9	96.6	97.9	98.2	98.6	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2
GE 700	67.7	69.3	83.0	87.9	96.6	97.9	98.2	98.6	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4
GE 600	67.7	69.3	83.0	87.9	96.6	98.3	98.6	99.1	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0
GE 500	67.7	69.3	83.0	87.9	96.6	98.3	98.6	99.1	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0
GE 400	67.7	69.3	83.0	87.9	96.6	98.3	98.6	99.1	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0
GE 300	67.7	69.3	83.0	87.9	96.6	98.3	98.6	99.1	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0
GE 200	67.7	69.3	83.0	87.9	96.6	98.3	98.6	99.1	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0
GE 100	67.7	69.3	83.0	87.9	96.6	98.3	98.6	99.1	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0
GE 000	67.7	69.3	83.0	87.9	96.6	98.3	98.6	99.1	99.5	99.5	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 654

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAY HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GF 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	31.7	32.4	33.5	34.1	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 20000	37.8	38.6	39.8	40.4	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 18000	38.6	39.5	40.6	41.2	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 16000	38.6	39.5	40.6	41.2	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 14000	38.6	39.5	40.6	41.2	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 12000	38.8	39.6	40.9	41.5	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 10000	41.2	42.4	43.6	44.3	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 9000	42.2	43.3	44.6	45.2	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 8000	46.2	47.5	49.8	50.6	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 7000	48.5	49.8	52.3	53.1	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 6000	48.8	50.1	52.7	53.5	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 5000	51.5	53.0	55.7	56.5	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 4500	54.3	56.0	59.1	59.9	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 4000	60.5	62.5	66.0	66.8	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 3500	67.8	70.0	74.2	75.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 3000	75.8	79.2	84.4	85.5	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 2500	80.2	82.6	88.6	89.9	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 2000	81.0	83.4	90.0	91.9	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1800	81.3	83.7	90.3	92.6	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1500	81.5	83.9	90.8	93.2	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1200	81.6	84.1	91.8	94.2	97.6	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	81.6	84.1	91.8	94.2	98.4	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	81.6	84.1	91.8	94.2	98.6	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	81.6	84.1	91.8	94.5	99.0	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	81.6	84.1	91.9	94.7	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	81.6	84.1	91.9	94.7	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	81.6	84.1	91.9	94.7	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	81.6	84.1	91.9	94.7	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	81.6	84.1	91.9	94.7	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	81.6	84.1	91.9	94.7	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	81.6	84.1	91.9	94.7	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	81.6	84.1	91.9	94.7	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 621

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	33.6	34.3	34.3	34.3	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 20000	38.4	39.5	40.2	40.4	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 18000	38.4	39.5	40.2	40.4	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 16000	38.4	39.5	40.2	40.4	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 14000	38.4	39.5	40.2	40.4	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 12000	39.3	40.4	41.1	41.3	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 10000	42.3	43.4	44.1	44.3	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 9000	43.4	44.5	45.2	45.4	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 8000	48.0	49.5	50.5	50.7	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 7000	50.0	51.4	52.5	52.7	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 6000	50.4	51.8	52.8	53.0	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 5000	54.6	56.0	57.5	57.7	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 4500	60.0	61.4	63.2	63.3	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 4000	65.8	67.4	70.1	70.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 3500	73.5	75.1	79.0	79.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 3000	80.2	81.9	86.8	87.9	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 2500	83.5	85.1	90.2	91.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 2000	84.0	85.6	90.9	92.3	94.5	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1800	84.2	85.8	91.3	92.7	94.8	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1500	84.2	85.8	91.3	93.1	95.6	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1200	84.2	85.8	92.0	94.7	97.3	97.5	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	84.2	85.8	92.2	94.8	97.7	97.9	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	84.2	85.8	92.2	95.2	98.0	98.2	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	84.2	85.8	92.2	95.2	98.6	98.8	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	84.2	85.8	92.5	95.7	99.1	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	84.2	85.8	92.5	95.7	99.1	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	84.2	85.8	92.5	95.7	99.1	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	84.2	85.8	92.5	95.7	99.1	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	84.2	85.8	92.5	95.7	99.1	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	84.2	85.8	92.5	95.7	99.1	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	84.2	85.8	92.5	95.7	99.1	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	84.2	85.8	92.5	95.7	99.1	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 562

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL

PERIOD OF RECORD: MAR 81 - FEB 91

LST TO UTC: - 1

MONTH: MAY HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	38.9	40.6	41.4	41.8	42.0	42.0	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 20000	44.4	46.3	47.3	47.8	48.2	48.2	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 18000	45.0	46.9	48.0	48.4	48.8	48.8	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 16000	45.0	46.9	48.0	48.4	48.8	48.8	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 14000	45.2	47.1	48.2	48.6	49.0	49.0	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 12000	45.6	47.6	48.6	49.0	49.5	49.5	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 10000	48.2	50.3	51.6	52.0	52.9	52.9	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 9000	50.1	52.2	53.7	54.1	55.0	55.0	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 8000	52.9	55.2	58.4	58.8	59.9	59.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 7000	55.4	58.0	61.8	62.4	63.7	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 6000	55.4	58.0	61.8	62.4	63.7	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 5000	59.4	62.0	66.2	66.9	68.2	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 4500	61.4	63.9	68.8	69.6	71.1	71.1	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 4000	68.8	72.0	77.5	78.3	79.8	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 3500	72.6	75.8	82.2	83.2	84.9	84.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 3000	77.3	80.7	88.3	89.4	91.9	91.9	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 2500	77.7	81.1	89.2	90.4	93.4	93.6	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 2000	78.1	81.5	90.0	91.5	94.7	95.1	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1800	78.1	81.5	90.2	91.9	95.3	95.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1500	78.3	81.7	90.9	92.8	96.4	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1200	78.6	82.0	91.3	93.4	97.0	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	78.6	82.0	91.3	93.4	97.0	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 900	78.6	82.0	91.3	93.4	97.0	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	78.6	82.0	91.3	93.4	97.5	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 700	78.6	82.0	91.3	93.4	97.7	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	78.6	82.0	91.3	93.4	97.7	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	78.6	82.0	91.3	93.4	97.7	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	78.6	82.0	91.3	93.4	97.7	98.3	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	78.6	82.0	91.3	93.4	97.7	98.3	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	78.6	82.0	91.3	93.4	97.7	98.3	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	78.6	82.0	91.3	93.4	97.7	98.3	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	78.6	82.0	91.3	93.4	97.7	98.3	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 471

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAY HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	43.1	43.1	45.4	46.2	46.2	46.2	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 20000	46.2	46.2	48.5	49.2	49.2	49.2	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 18000	47.7	47.7	50.0	50.8	50.8	50.8	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 16000	47.7	47.7	50.0	50.8	50.8	50.8	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 14000	47.7	47.7	50.0	50.8	50.8	50.8	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 12000	49.2	49.2	51.5	52.3	52.3	52.3	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 10000	50.0	50.0	53.8	54.6	54.6	54.6	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 9000	51.5	51.5	56.2	56.9	56.9	56.9	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 8000	57.7	57.7	65.4	66.2	67.7	67.7	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 7000	59.2	59.2	67.7	68.5	70.8	70.8	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 6000	59.2	59.2	67.7	68.5	70.8	70.8	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 5000	61.5	61.5	70.0	70.8	73.1	73.1	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 4500	63.8	63.8	72.3	73.1	75.4	75.4	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 4000	66.9	66.9	77.7	78.5	80.8	80.8	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 3500	70.0	70.0	80.8	82.3	85.4	85.4	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 3000	73.1	73.8	85.4	87.7	93.1	93.8	95.4	95.4	95.4	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2500	73.1	73.8	85.4	87.7	93.1	93.8	95.4	95.4	95.4	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2000	73.8	74.6	86.9	89.2	94.6	96.2	97.7	97.7	97.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1800	73.8	74.6	86.9	89.2	94.6	96.2	97.7	97.7	97.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1500	73.8	74.6	86.9	90.0	95.4	96.9	98.5	98.5	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	73.8	74.6	86.9	90.0	95.4	96.9	98.5	98.5	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	73.8	74.6	86.9	90.0	95.4	96.9	98.5	98.5	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	73.8	74.6	86.9	90.0	95.4	96.9	98.5	98.5	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	73.8	74.6	86.9	90.0	95.4	96.9	98.5	98.5	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	73.8	74.6	86.9	90.0	95.4	96.9	98.5	98.5	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	73.8	74.6	86.9	90.0	95.4	96.9	98.5	98.5	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	73.8	74.6	86.9	90.0	95.4	96.9	98.5	98.5	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	73.8	74.6	86.9	90.0	95.4	96.9	98.5	98.5	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	73.8	74.6	86.9	90.0	95.4	96.9	98.5	98.5	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	73.8	74.6	86.9	90.0	95.4	96.9	98.5	98.5	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	73.8	74.6	86.9	90.0	95.4	96.9	98.5	98.5	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	73.8	74.6	86.9	90.0	95.4	96.9	98.5	98.5	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 130

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	30.3	31.0	33.3	34.1	35.7	36.0	36.4	36.5	36.7	36.7	36.8	36.8	36.8	36.9	37.0	37.2
GE 20000	34.7	35.5	38.4	39.2	41.0	41.4	41.8	42.0	42.1	42.1	42.2	42.2	42.2	42.3	42.4	42.6
GE 18000	35.4	36.3	39.1	39.9	41.7	42.1	42.5	42.7	42.9	42.9	42.9	42.9	42.9	43.0	43.2	43.3
GE 16000	35.4	36.3	39.1	39.9	41.8	42.2	42.5	42.7	42.9	42.9	43.0	43.0	43.0	43.1	43.2	43.4
GE 14000	35.4	36.3	39.1	40.0	41.8	42.2	42.6	42.8	43.0	43.0	43.0	43.0	43.0	43.1	43.3	43.4
GE 12000	35.9	36.8	39.8	40.6	42.5	42.9	43.3	43.4	43.6	43.6	43.7	43.7	43.7	43.8	43.9	44.1
GE 10000	38.0	39.0	42.2	43.1	45.1	45.5	45.9	46.1	46.3	46.3	46.4	46.4	46.4	46.5	46.6	46.8
GE 9000	39.4	40.4	43.7	44.7	46.9	47.4	47.8	48.1	48.4	48.4	48.4	48.4	48.4	48.5	48.7	48.9
GE 8000	43.3	44.4	48.8	49.8	52.3	52.9	53.4	53.7	53.9	54.0	54.1	54.1	54.1	54.2	54.3	54.5
GE 7000	45.3	46.5	51.1	52.2	54.8	55.4	55.9	56.2	56.4	56.4	56.5	56.5	56.5	56.6	56.7	56.9
GE 6000	45.7	46.9	51.5	52.6	55.2	55.8	56.3	56.6	56.8	56.9	57.0	57.0	57.0	57.1	57.2	57.4
GE 5000	48.5	49.8	54.7	55.8	58.5	59.1	59.7	60.0	60.2	60.2	60.3	60.3	60.3	60.4	60.5	60.7
GE 4500	50.8	52.2	57.5	58.8	61.6	62.2	62.7	63.1	63.3	63.3	63.4	63.4	63.4	63.5	63.6	63.8
GE 4000	55.4	57.0	63.0	64.3	67.3	68.0	68.5	68.9	69.1	69.1	69.2	69.3	69.3	69.4	69.5	69.7
GE 3500	60.6	62.3	69.1	70.8	74.0	74.7	75.2	75.7	75.9	75.9	76.0	76.0	76.0	76.1	76.3	76.5
GE 3000	66.5	68.3	76.2	78.0	82.4	83.3	83.9	84.4	84.6	84.7	84.8	84.8	84.8	84.9	85.0	85.2
GE 2500	68.7	70.5	78.7	80.8	85.8	86.8	87.4	88.0	88.2	88.3	88.4	88.4	88.4	88.5	88.7	88.9
GE 2000	69.6	71.6	80.2	82.6	88.0	89.2	89.9	90.4	90.7	90.7	90.8	90.9	90.9	91.0	91.1	91.3
GE 1800	69.9	71.8	80.6	83.1	88.8	90.0	90.7	91.2	91.5	91.6	91.6	91.7	91.7	91.8	91.9	92.1
GE 1500	70.4	72.4	81.7	84.6	90.9	92.1	92.9	93.5	93.8	93.9	94.0	94.0	94.0	94.1	94.3	94.5
GE 1200	70.6	72.5	82.4	85.5	92.2	93.5	94.4	95.1	95.4	95.6	95.7	95.7	95.7	95.8	95.9	96.1
GE 1000	70.6	72.5	82.8	86.1	93.5	94.9	95.8	96.6	96.9	97.1	97.2	97.2	97.2	97.3	97.5	97.7
GE 900	70.6	72.5	82.8	86.2	93.7	95.0	96.0	96.8	97.2	97.3	97.4	97.5	97.5	97.6	97.7	97.9
GE 800	70.6	72.5	82.8	86.3	94.0	95.3	96.2	97.1	97.4	97.6	97.7	97.8	97.8	97.9	98.0	98.2
GE 700	70.6	72.5	82.9	86.5	94.2	95.6	96.5	97.3	97.8	97.9	98.1	98.1	98.1	98.2	98.3	98.5
GE 600	70.6	72.5	82.9	86.5	94.3	95.9	96.8	97.7	98.1	98.2	98.4	98.4	98.5	98.6	98.7	98.9
GE 500	70.6	72.5	82.9	86.5	94.3	95.9	96.8	97.7	98.1	98.3	98.5	98.5	98.6	98.7	98.8	99.1
GE 400	70.6	72.5	82.9	86.5	94.3	96.0	96.9	97.8	98.3	98.4	98.6	98.7	98.7	98.8	99.0	99.5
GE 300	70.6	72.5	82.9	86.5	94.3	96.0	96.9	97.8	98.3	98.5	98.7	98.8	98.8	98.8	99.0	99.7
GE 200	70.6	72.5	82.9	86.5	94.3	96.0	96.9	97.8	98.3	98.5	98.7	98.8	98.8	98.8	99.0	99.7
GE 100	70.6	72.5	82.9	86.5	94.3	96.0	96.9	97.8	98.3	98.5	98.7	98.8	98.8	99.0	99.2	100.0
GE 000	70.6	72.5	82.9	86.5	94.3	96.0	96.9	97.8	98.3	98.5	98.7	98.8	98.8	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 3089

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	18.7	19.6	24.9	25.8	28.9	29.5	29.8	30.6	31.2	31.3	32.1	32.1	32.3	32.6	32.7	32.7
GE 20000	20.5	21.7	28.7	29.8	33.3	33.9	34.3	35.2	35.8	35.9	36.7	36.7	36.9	37.2	37.3	37.5
GE 18000	20.5	21.7	28.7	29.8	33.3	34.1	34.4	35.3	35.9	36.1	36.9	36.9	37.0	37.3	37.5	37.6
GE 16000	20.5	21.7	28.7	29.8	33.3	34.1	34.4	35.3	35.9	36.1	36.9	36.9	37.0	37.3	37.5	37.6
GE 14000	20.8	22.0	29.1	30.1	33.6	34.4	34.7	35.6	36.2	36.4	37.2	37.2	37.3	37.6	37.8	37.9
GE 12000	21.3	22.5	29.5	30.6	34.1	34.9	35.2	36.1	36.7	36.9	37.6	37.6	37.8	38.1	38.2	38.4
GE 10000	23.9	25.1	33.8	34.9	39.0	39.8	40.2	41.1	41.7	42.2	43.0	43.0	43.1	43.4	43.7	43.9
GE 9000	24.6	25.8	34.9	36.1	40.7	41.4	41.9	43.0	43.7	44.2	45.0	45.0	45.1	45.4	45.7	45.9
GE 8000	29.7	30.9	41.9	43.6	49.4	50.5	51.1	52.1	52.9	53.7	54.4	54.4	54.6	54.9	55.2	55.5
GE 7000	31.0	32.3	43.7	45.9	52.9	54.0	54.6	55.7	56.6	57.3	58.1	58.1	58.3	58.6	58.9	59.2
GE 6000	31.8	33.0	44.5	46.8	54.0	55.0	55.7	57.0	58.0	58.7	59.5	59.5	59.6	59.9	60.2	60.6
GE 5000	33.2	34.6	46.9	49.2	56.7	57.8	58.4	59.9	60.9	61.6	62.4	62.4	62.5	62.8	63.1	63.5
GE 4500	34.9	36.4	48.9	51.4	59.2	60.2	60.9	62.4	63.3	64.1	64.8	64.8	65.0	65.3	65.6	65.9
GE 4000	38.2	40.2	53.4	56.6	64.7	66.4	67.1	68.7	69.6	70.3	71.1	71.1	71.3	71.6	71.9	72.2
GE 3500	41.4	43.9	58.3	61.9	70.8	72.6	73.7	75.2	76.1	76.9	77.7	77.7	77.8	78.1	78.6	78.9
GE 3000	44.6	47.2	62.8	67.0	76.0	77.8	79.1	81.2	82.1	82.9	83.6	83.6	83.8	84.3	84.7	85.0
GE 2500	45.3	47.9	63.8	68.0	78.3	80.3	81.5	83.6	84.6	85.3	86.1	86.1	86.2	86.7	87.2	87.5
GE 2000	47.1	50.0	66.8	71.4	81.8	84.1	85.3	87.6	88.5	89.3	90.2	90.2	90.4	90.8	91.3	91.6
GE 1800	47.2	50.2	67.1	71.7	82.1	84.4	85.6	87.9	88.8	89.6	90.5	90.5	90.7	91.1	91.6	91.9
GE 1500	48.2	51.1	68.5	73.4	84.9	87.5	88.7	91.4	92.7	93.4	94.3	94.3	94.5	95.0	95.4	95.7
GE 1200	48.5	51.4	69.1	74.2	86.1	88.8	90.1	92.8	94.0	94.8	95.7	95.7	95.9	96.3	96.8	97.1
GE 1000	48.5	51.4	69.6	74.6	86.9	89.6	90.8	93.9	95.1	95.9	96.8	96.8	96.9	97.4	97.9	98.2
GE 900	48.5	51.4	69.6	74.8	87.0	89.8	91.0	94.0	95.3	96.0	96.9	96.9	97.1	97.6	98.0	98.3
GE 800	48.5	51.4	69.6	74.8	87.0	89.8	91.0	94.0	95.3	96.0	96.9	96.9	97.1	97.6	98.0	98.3
GE 700	48.5	51.4	69.6	74.8	87.0	89.8	91.0	94.2	95.4	96.2	97.1	97.1	97.2	97.7	98.2	98.5
GE 600	48.5	51.4	69.6	74.8	87.0	89.8	91.0	94.2	95.4	96.2	97.1	97.1	97.2	97.7	98.2	98.5
GE 500	48.5	51.4	69.6	74.8	87.0	89.8	91.0	94.2	95.4	96.2	97.1	97.2	97.4	97.9	98.3	98.6
GE 400	48.5	51.4	69.6	74.8	87.0	89.8	91.0	94.2	95.4	96.2	97.1	97.2	97.4	97.9	98.3	98.6
GE 300	48.5	51.4	69.6	74.8	87.0	89.8	91.0	94.2	95.4	96.2	97.1	97.2	97.4	97.9	98.3	99.1
GE 200	48.5	51.4	69.6	74.8	87.0	89.8	91.0	94.2	95.4	96.2	97.1	97.2	97.4	97.9	98.5	99.5
GE 100	48.5	51.4	69.6	74.8	87.0	89.8	91.0	94.2	95.4	96.2	97.1	97.2	97.4	97.9	98.5	100.0
GE 000	48.5	51.4	69.6	74.8	87.0	89.8	91.0	94.2	95.4	96.2	97.1	97.2	97.4	97.9	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 654

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULD, AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	24.8	26.5	28.7	29.2	29.3	29.9	30.2	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 20000	28.1	29.8	32.6	33.1	33.4	34.0	34.3	34.4	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 18000	28.7	30.4	33.2	33.7	34.1	34.7	35.0	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 16000	28.7	30.4	33.2	33.7	34.1	34.7	35.0	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 14000	28.9	30.5	33.4	33.8	34.3	34.9	35.2	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 12000	29.8	31.4	34.6	35.0	35.5	36.1	36.4	36.5	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 10000	31.3	33.1	37.1	37.7	38.5	39.1	39.4	39.5	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 9000	32.0	34.0	38.8	39.4	40.2	40.8	41.1	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 8000	37.6	40.2	46.5	47.2	48.3	48.9	49.2	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 7000	39.2	41.8	48.6	49.6	50.8	51.4	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 6000	40.0	42.6	49.8	51.0	52.3	52.9	53.2	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 5000	44.5	47.4	54.7	56.1	57.4	58.0	58.3	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 4500	46.0	49.0	56.5	58.3	59.7	60.3	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 4000	51.9	55.3	64.2	66.2	67.7	68.3	68.6	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 3500	56.5	60.6	70.7	73.1	74.9	75.5	75.8	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 3000	64.8	69.3	81.4	83.9	85.9	86.5	86.8	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 2500	66.8	71.6	84.4	87.1	89.6	90.2	90.5	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 2000	68.3	73.2	86.6	89.3	92.6	93.2	93.5	93.8	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1800	68.9	73.8	87.5	90.2	93.5	94.1	94.4	94.7	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1600	68.8	75.0	84.3	92.8	96.5	97.1	97.4	97.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1200	69.8	75.0	89.3	93.4	97.1	97.7	98.0	98.3	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	69.8	75.0	89.3	93.4	97.3	97.9	98.2	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	69.8	75.0	89.3	93.4	97.3	97.9	98.2	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	69.8	75.0	89.3	93.4	97.3	97.9	98.2	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	69.8	75.0	89.3	93.4	97.3	97.9	98.5	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	69.8	75.0	89.3	93.4	97.3	97.9	98.5	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	69.8	75.0	89.3	93.4	97.3	97.9	98.5	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	69.8	75.0	89.3	93.4	97.3	97.9	98.6	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	69.8	75.0	89.3	93.4	97.3	97.9	98.6	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	69.8	75.0	89.3	93.4	97.3	97.9	98.6	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	69.8	75.0	89.3	93.4	97.3	97.9	98.6	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	69.8	75.0	89.3	93.4	97.3	97.9	98.6	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 665

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	25.9	27.0	27.7	27.7	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
GE 20000	29.4	30.7	31.7	31.7	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
GE 18000	29.9	31.2	32.2	32.2	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
GE 16000	30.1	31.4	32.3	32.3	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
GE 14000	30.7	32.0	33.0	33.0	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE 12000	31.5	32.8	33.8	33.8	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
GE 10000	33.3	34.6	36.0	36.0	36.5	36.5	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 9000	34.7	36.0	37.5	37.5	37.9	37.9	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 8000	40.0	41.8	44.1	44.1	44.7	44.7	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 7000	42.8	44.7	47.1	47.3	47.9	47.9	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 6000	42.9	44.9	47.7	47.9	48.6	48.6	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 5000	46.9	49.2	52.4	52.7	53.4	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 4500	49.8	52.1	55.9	56.3	57.1	57.1	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 4000	56.9	60.1	65.8	66.1	67.2	67.2	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 3500	65.3	68.6	75.1	75.6	76.8	76.8	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 3000	76.8	80.9	89.1	89.7	91.5	91.5	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 2500	78.5	82.6	91.2	92.0	93.9	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 2000	79.7	83.9	93.1	94.1	96.5	96.5	96.6	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1800	79.7	83.9	93.1	94.1	96.6	96.6	96.8	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1500	80.2	84.4	93.7	94.7	97.3	97.4	97.6	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	80.4	84.6	94.1	95.5	98.1	98.2	98.4	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	80.4	84.6	94.4	95.8	98.4	98.6	98.7	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	80.4	84.6	94.4	95.8	98.4	98.7	98.9	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	80.4	84.6	94.4	95.8	98.4	98.7	98.9	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	80.4	84.6	94.4	95.8	98.4	98.9	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	80.4	84.6	94.4	95.8	98.4	98.9	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	80.4	84.6	94.4	95.8	98.4	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	80.4	84.6	94.4	95.8	98.4	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	80.4	84.6	94.4	95.8	98.4	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	80.4	84.6	94.4	95.8	98.4	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	80.4	84.6	94.4	95.8	98.4	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	80.4	84.6	94.4	95.8	98.4	99.2	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 622

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	26.1	27.2	27.5	27.5	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
GE 20000	31.5	32.8	33.1	33.1	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
GE 18000	31.5	32.8	33.1	33.1	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
GE 16000	32.1	33.3	33.6	33.6	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
GE 14000	32.4	33.6	34.0	34.0	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 12000	33.1	34.3	34.8	34.8	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 10000	34.7	35.9	36.4	36.4	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 9000	36.2	37.6	38.2	38.2	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 8000	42.5	44.4	46.0	46.0	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 7000	46.3	48.4	50.3	50.7	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 6000	47.0	49.3	51.2	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 5000	52.1	54.5	56.6	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 4500	57.0	59.8	62.5	63.1	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 4000	65.2	68.3	71.6	72.3	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 3500	72.0	76.0	79.8	80.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 3000	77.9	82.8	89.2	90.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 2500	79.6	84.8	91.6	93.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2000	81.2	86.4	93.6	95.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1800	81.2	86.4	93.6	95.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1500	81.2	86.4	93.9	96.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	81.2	86.4	93.9	96.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	81.4	86.6	94.1	96.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	81.4	86.6	94.1	96.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	81.4	86.6	94.1	96.3	99.3	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	81.4	86.6	94.1	96.3	99.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	81.4	86.6	94.1	96.3	99.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	81.4	86.6	94.1	96.3	99.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	81.4	86.6	94.1	96.3	99.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	81.4	86.6	94.1	96.3	99.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	81.4	86.6	94.1	96.3	99.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	81.4	86.6	94.1	96.3	99.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	81.4	86.6	94.1	96.3	99.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 574

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	35.1	35.3	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 20000	42.3	42.7	45.1	45.3	46.1	46.1	46.1	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 18000	42.5	43.1	45.7	45.9	46.7	46.7	46.7	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 16000	42.7	43.3	45.9	46.1	46.9	46.9	46.9	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 14000	42.9	43.5	46.1	46.3	47.1	47.1	47.1	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 12000	42.9	43.5	46.1	46.3	47.1	47.1	47.1	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 10000	45.1	45.7	48.3	48.5	49.3	49.3	49.3	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 9000	47.3	48.1	50.9	51.1	51.9	51.9	51.9	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 8000	54.3	55.1	58.7	59.1	60.1	60.1	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 7000	58.9	59.7	63.7	64.1	65.1	65.1	65.1	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 6000	59.7	60.7	64.9	65.3	66.3	66.3	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 5000	64.1	65.1	69.7	70.5	71.5	71.5	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 4500	68.5	69.9	74.7	76.0	77.0	77.0	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 4000	71.5	73.1	80.2	81.6	82.6	82.6	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 3500	76.0	77.6	85.0	86.6	87.6	87.6	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 3000	80.4	82.4	91.6	93.4	94.4	94.4	94.4	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 2500	81.6	83.6	93.0	94.8	95.8	95.8	95.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 2000	82.6	84.8	95.0	96.8	97.8	98.0	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1800	82.8	85.0	95.2	97.2	98.2	98.4	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1500	82.8	85.0	95.2	97.2	98.6	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	82.8	85.0	95.2	97.2	98.6	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	82.8	85.0	95.2	97.2	98.8	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	82.8	85.0	95.2	97.2	98.8	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	82.8	85.0	95.2	97.2	98.8	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	82.8	85.0	95.2	97.2	98.8	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	82.8	85.0	95.2	97.2	98.8	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	82.8	85.0	95.2	97.2	98.8	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	82.8	85.0	95.2	97.2	98.8	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	82.8	85.0	95.2	97.2	98.8	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	82.8	85.0	95.2	97.2	98.8	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	82.8	85.0	95.2	97.2	98.8	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	82.8	85.0	95.2	97.2	98.8	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 499

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	37.5	38.2	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 20000	43.1	44.4	50.7	51.4	52.1	52.1	52.8	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 18000	43.8	45.1	51.4	52.1	52.8	52.8	53.5	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 16000	43.8	45.1	51.4	52.1	52.8	52.8	53.5	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 14000	43.8	45.1	51.4	52.1	52.8	52.8	53.5	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 12000	44.4	45.8	52.1	52.8	53.5	53.5	54.2	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 10000	45.8	47.2	53.5	54.2	55.6	55.6	56.3	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 9000	47.2	48.6	54.9	55.6	56.9	56.9	57.6	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 8000	51.4	52.8	59.0	61.1	62.5	62.5	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 7000	54.9	56.3	63.2	65.3	66.7	66.7	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 6000	56.9	58.3	65.3	67.4	68.8	68.8	69.4	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 5000	59.7	61.1	68.8	70.8	72.2	72.2	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 4500	64.6	66.0	73.6	75.7	77.1	77.1	77.8	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 4000	70.8	72.2	81.9	84.0	85.4	85.4	86.1	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 3500	74.3	75.7	85.4	87.5	88.9	88.9	89.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 3000	77.1	78.5	89.6	91.7	93.1	93.1	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 2500	77.8	79.2	90.3	92.4	94.4	94.4	95.1	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2000	78.5	79.9	91.0	93.1	95.1	95.1	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1800	78.5	79.9	91.0	93.1	95.1	95.1	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1500	78.5	79.9	91.0	93.1	95.1	95.1	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1200	79.2	80.6	91.7	93.8	96.5	97.2	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	79.2	80.6	91.7	94.4	97.2	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	79.2	80.6	91.7	94.4	97.2	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	79.2	80.6	91.7	94.4	97.2	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	79.2	80.6	91.7	94.4	97.2	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	79.2	80.6	91.7	94.4	97.2	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	79.2	80.6	91.7	94.4	97.2	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	79.2	80.6	91.7	94.4	97.2	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	79.2	80.6	91.7	94.4	97.2	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	79.2	80.6	91.7	94.4	97.2	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	79.2	80.6	91.7	94.4	97.2	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	79.2	80.6	91.7	94.4	97.2	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 144

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	26.2	27.2	29.5	29.8	30.6	30.9	31.0	31.2	31.3	31.4	31.5	31.5	31.6	31.6	31.7	31.7
GE 20000	30.3	31.5	34.5	34.9	36.0	36.3	36.4	36.8	36.9	37.0	37.1	37.1	37.1	37.2	37.2	37.3
GE 18000	30.6	31.9	34.9	35.2	36.4	36.7	36.9	37.2	37.3	37.4	37.5	37.5	37.6	37.6	37.7	37.7
GE 16000	30.8	32.0	35.0	35.4	36.6	36.9	37.0	37.3	37.5	37.5	37.7	37.7	37.7	37.8	37.8	37.8
GE 14000	31.1	32.3	35.3	35.7	36.9	37.2	37.3	37.7	37.8	37.8	38.0	38.0	38.0	38.1	38.1	38.2
GE 12000	31.7	32.9	36.0	36.4	37.6	37.9	38.0	38.3	38.5	38.5	38.7	38.7	38.7	38.8	38.8	38.9
GE 10000	33.6	34.9	38.6	39.0	40.4	40.7	40.9	41.3	41.4	41.5	41.7	41.7	41.7	41.8	41.8	41.9
GE 9000	34.9	36.3	40.2	40.7	42.2	42.5	42.7	43.1	43.3	43.4	43.5	43.5	43.5	43.6	43.7	43.7
GE 8000	40.6	42.3	47.5	48.1	50.0	50.4	50.6	51.0	51.2	51.4	51.5	51.5	51.6	51.6	51.7	51.7
GE 7000	43.4	45.1	50.7	51.6	53.8	54.1	54.4	54.7	55.0	55.1	55.3	55.3	55.3	55.4	55.4	55.5
GE 6000	44.0	45.9	51.6	52.6	54.9	55.2	55.5	55.9	56.1	56.3	56.5	56.5	56.5	56.6	56.6	56.7
GE 5000	47.8	49.8	56.0	57.1	59.4	59.8	60.0	60.5	60.7	60.9	61.1	61.1	61.1	61.1	61.2	61.3
GE 4500	50.9	53.0	59.6	60.9	63.3	63.7	63.9	64.4	64.6	64.8	64.9	64.9	65.0	65.0	65.1	65.2
GE 4000	56.4	59.1	66.9	68.5	71.1	71.6	71.9	72.4	72.6	72.7	72.9	72.9	72.9	73.0	73.1	73.1
GE 3500	61.8	64.9	73.6	75.5	78.4	78.9	79.2	79.7	79.9	80.1	80.2	80.2	80.3	80.3	80.4	80.5
GE 3000	68.4	71.9	82.5	84.6	87.9	88.4	88.8	89.4	89.6	89.8	89.9	89.9	90.0	90.1	90.2	90.2
GE 2500	69.8	73.5	84.4	86.8	90.5	91.0	91.4	92.0	92.3	92.4	92.6	92.6	92.6	92.7	92.8	92.9
GE 2000	71.2	75.0	86.6	89.1	93.2	93.8	94.2	94.9	95.2	95.4	95.6	95.6	95.6	95.7	95.8	95.9
GE 1800	71.4	75.2	86.9	89.4	93.5	94.1	94.5	95.3	95.5	95.8	95.9	95.9	96.0	96.1	96.2	96.2
GE 1500	71.9	75.8	87.7	90.5	95.0	95.7	96.1	96.9	97.2	97.5	97.7	97.7	97.8	97.8	97.9	98.0
GE 1200	72.0	75.9	87.9	90.9	95.6	96.4	96.8	97.6	97.9	98.2	98.4	98.4	98.4	98.5	98.6	98.7
GE 1000	72.0	75.9	88.1	91.2	95.9	96.8	97.2	98.1	98.4	98.7	98.9	98.9	98.9	99.0	99.1	99.2
GE 900	72.0	75.9	88.1	91.2	96.0	96.9	97.2	98.1	98.5	98.8	99.0	99.0	99.0	99.1	99.2	99.2
GE 800	72.0	75.9	88.1	91.2	96.0	96.9	97.2	98.2	98.5	98.8	99.0	99.0	99.0	99.1	99.2	99.3
GE 700	72.0	75.9	88.1	91.2	96.0	97.0	97.4	98.4	98.7	99.0	99.2	99.2	99.2	99.3	99.4	99.5
GE 600	72.0	75.9	88.1	91.2	96.0	97.0	97.4	98.4	98.8	99.1	99.3	99.3	99.3	99.4	99.5	99.6
GE 500	72.0	75.9	88.1	91.2	96.0	97.0	97.5	98.5	98.9	99.2	99.4	99.4	99.4	99.5	99.6	99.7
GE 400	72.0	75.9	88.1	91.2	96.0	97.0	97.5	98.5	98.9	99.2	99.4	99.4	99.5	99.6	99.7	99.7
GE 300	72.0	75.9	88.1	91.2	96.0	97.0	97.5	98.5	98.9	99.2	99.4	99.4	99.5	99.6	99.7	99.8
GE 200	72.0	75.9	88.1	91.2	96.0	97.0	97.5	98.5	98.9	99.2	99.4	99.4	99.5	99.6	99.7	99.9
GE 100	72.0	75.9	88.1	91.2	96.0	97.0	97.5	98.5	98.9	99.2	99.4	99.4	99.5	99.6	99.7	100.0
GE 000	72.0	75.9	88.1	91.2	96.0	97.0	97.5	98.5	98.9	99.2	99.4	99.4	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 3158

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUL HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	18.6	20.1	27.5	30.4	34.4	36.3	36.6	37.0	37.5	37.5	38.2	38.2	38.2	38.6	38.7	38.9
GE 20000	20.3	21.8	29.8	32.7	37.0	39.0	39.3	39.9	40.7	40.7	41.6	41.6	41.6	42.1	42.2	42.4
GE 18000	20.3	21.8	30.0	32.9	37.2	39.2	39.5	40.1	40.9	40.9	41.8	41.8	41.8	42.2	42.4	42.5
GE 16000	20.3	21.8	30.0	32.9	37.3	39.3	39.6	40.2	41.0	41.0	41.9	41.9	41.9	42.4	42.5	42.7
GE 14000	20.3	21.8	30.0	32.9	37.5	39.5	39.8	40.4	41.2	41.2	42.1	42.1	42.1	42.5	42.7	42.9
GE 12000	20.6	22.3	30.6	33.5	38.1	40.1	40.4	41.0	41.8	41.8	42.7	42.7	42.7	43.2	43.3	43.5
GE 10000	22.6	24.3	33.2	36.1	41.0	43.3	43.6	44.2	45.0	45.0	45.9	45.9	45.9	46.4	46.5	46.7
GE 9000	23.8	25.8	35.0	37.9	43.3	45.6	45.9	46.5	47.3	47.3	48.2	48.2	48.2	48.7	48.8	49.0
GE 8000	26.6	28.7	38.4	41.5	47.2	49.8	50.1	50.7	51.6	51.6	52.7	52.7	52.7	53.1	53.3	53.5
GE 7000	29.8	32.0	41.8	45.0	50.7	53.5	53.8	54.4	55.5	55.5	56.5	56.5	56.5	57.0	57.1	57.3
GE 6000	30.4	32.6	42.5	45.8	51.5	54.2	54.5	55.1	56.2	56.2	57.3	57.3	57.3	57.8	57.9	58.1
GE 5000	34.6	36.7	47.9	51.2	57.3	60.1	60.4	61.0	62.1	62.1	63.1	63.1	63.1	63.7	63.9	64.1
GE 4500	36.3	38.6	50.1	53.5	59.8	62.5	62.8	63.4	64.5	64.5	65.6	65.6	65.6	66.2	66.4	66.5
GE 4000	40.1	42.5	55.6	59.3	65.7	69.0	69.3	70.0	71.1	71.4	72.5	72.7	72.7	73.3	73.4	73.7
GE 3500	42.7	45.2	58.7	62.5	69.4	73.1	73.6	74.3	75.4	75.7	76.8	77.1	77.1	77.7	77.9	78.2
GE 3000	46.7	49.3	65.1	69.9	78.3	82.8	83.3	84.0	85.3	85.6	86.8	87.1	87.3	87.9	88.0	88.3
GE 2500	48.1	50.8	67.3	72.5	81.1	85.6	86.0	86.8	88.0	88.3	89.6	89.9	90.0	90.6	90.8	91.1
GE 2000	48.7	51.5	69.3	75.0	84.0	88.5	88.9	89.7	90.9	91.2	92.5	92.8	92.9	93.5	93.7	94.0
GE 1800	48.7	51.5	69.4	75.3	84.3	88.8	89.2	90.0	91.2	91.6	92.8	93.1	93.2	93.9	94.0	94.3
GE 1500	49.6	52.4	71.0	77.0	86.5	90.9	91.4	92.2	93.4	93.7	94.9	95.2	95.5	96.2	96.3	96.6
GE 1200	49.6	52.4	71.0	77.3	86.8	91.2	91.7	92.5	93.7	94.0	95.2	95.5	95.9	96.5	96.6	96.9
GE 1000	49.6	52.4	71.0	77.3	86.9	91.6	92.0	92.9	94.2	94.5	95.7	96.0	96.3	96.9	97.2	97.5
GE 900	49.6	52.4	71.1	77.4	87.1	91.7	92.2	93.1	94.3	94.9	96.2	96.5	96.8	97.4	97.7	98.0
GE 800	49.6	52.4	71.1	77.4	87.1	91.7	92.2	93.1	94.3	94.9	96.2	96.5	96.8	97.4	97.7	98.0
GE 700	49.6	52.4	71.1	77.4	87.1	91.7	92.2	93.1	94.3	94.9	96.2	96.5	96.8	97.4	97.7	98.0
GE 600	49.6	52.4	71.1	77.4	87.1	91.7	92.2	93.1	94.3	94.9	96.2	96.5	96.8	97.5	97.8	98.2
GE 500	49.6	52.4	71.1	77.4	87.1	91.7	92.2	93.1	94.3	94.9	96.2	96.5	96.8	97.7	98.0	98.3
GE 400	49.6	52.4	71.1	77.4	87.1	91.7	92.2	93.1	94.5	95.1	96.3	96.6	96.9	97.8	98.2	98.8
GE 300	49.6	52.4	71.1	77.4	87.1	91.7	92.2	93.1	94.5	95.1	96.3	96.6	96.9	97.8	98.3	99.2
GE 200	49.6	52.4	71.1	77.4	87.1	91.7	92.2	93.1	94.5	95.1	96.3	96.8	97.1	98.0	98.5	100.0
GE 100	49.6	52.4	71.1	77.4	87.1	91.7	92.2	93.1	94.5	95.1	96.3	96.8	97.1	98.0	98.5	100.0
GE 000	49.6	52.4	71.1	77.4	87.1	91.7	92.2	93.1	94.5	95.1	96.3	96.8	97.1	98.0	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 651

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUL HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	26.4	27.2	32.1	34.5	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 20000	28.3	29.2	34.9	37.2	38.9	39.1	39.1	39.1	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
GE 18000	29.1	30.0	36.0	38.3	40.3	40.5	40.5	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 16000	29.1	30.0	36.0	38.3	40.3	40.5	40.5	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 14000	29.7	30.6	36.6	38.9	41.0	41.1	41.1	41.1	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 12000	30.6	31.5	37.6	40.0	42.0	42.2	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 10000	32.0	33.2	39.3	41.7	43.9	44.0	44.0	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 9000	33.4	34.9	41.3	43.7	46.1	46.2	46.2	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 8000	35.2	37.1	44.0	47.0	49.6	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 7000	38.2	40.2	47.6	50.5	53.5	53.6	53.6	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 6000	38.6	40.6	48.1	51.0	53.9	54.1	54.1	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 5000	41.7	43.7	51.9	54.9	57.8	58.0	58.0	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 4500	44.0	46.2	55.2	58.3	61.2	61.4	61.4	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 4000	49.0	51.5	61.2	64.8	68.0	68.6	68.6	69.2	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6
GE 3500	55.3	57.8	68.6	72.3	76.2	76.8	76.8	77.4	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7
GE 3000	65.4	68.2	80.7	84.5	88.9	90.0	90.0	90.6	90.7	90.7	90.7	90.9	90.9	90.9	90.9	90.9
GE 2500	67.4	70.2	83.0	87.2	91.8	92.9	92.9	93.5	93.7	93.7	93.8	94.0	94.0	94.0	94.0	94.0
GE 2000	69.4	72.2	85.3	89.6	94.3	95.4	95.4	96.0	96.1	96.1	96.3	96.4	96.4	96.4	96.4	96.4
GE 1800	69.9	72.6	85.8	90.1	94.9	96.0	96.0	96.6	96.8	96.8	96.9	97.1	97.1	97.1	97.1	97.1
GE 1500	70.2	73.0	86.2	90.6	95.7	96.8	96.9	97.7	97.8	97.8	98.5	98.8	98.8	98.8	98.8	98.8
GE 1200	70.3	73.1	86.4	90.7	96.0	97.1	97.2	98.0	98.1	98.1	98.8	99.1	99.1	99.1	99.1	99.1
GE 1000	70.3	73.1	86.4	90.9	96.4	97.5	97.7	98.5	98.6	98.6	99.2	99.5	99.5	99.5	99.5	99.5
GE 900	70.3	73.1	86.4	91.0	96.6	97.7	97.8	98.6	98.8	98.8	99.4	99.7	99.7	99.7	99.7	99.7
GE 800	70.3	73.1	86.4	91.0	96.8	97.8	98.0	98.9	99.1	99.1	99.7	100.0	100.0	100.0	100.0	100.0
GE 700	70.3	73.1	86.4	91.0	96.8	97.8	98.0	98.9	99.1	99.1	99.7	100.0	100.0	100.0	100.0	100.0
GE 600	70.3	73.1	86.4	91.0	96.8	97.8	98.0	98.9	99.1	99.1	99.7	100.0	100.0	100.0	100.0	100.0
GE 500	70.3	73.1	86.4	91.0	96.8	97.8	98.0	98.9	99.1	99.1	99.7	100.0	100.0	100.0	100.0	100.0
GE 400	70.3	73.1	86.4	91.0	96.8	97.8	98.0	98.9	99.1	99.1	99.7	100.0	100.0	100.0	100.0	100.0
GE 300	70.3	73.1	86.4	91.0	96.8	97.8	98.0	98.9	99.1	99.1	99.7	100.0	100.0	100.0	100.0	100.0
GE 200	70.3	73.1	86.4	91.0	96.8	97.8	98.0	98.9	99.1	99.1	99.7	100.0	100.0	100.0	100.0	100.0
GE 100	70.3	73.1	86.4	91.0	96.8	97.8	98.0	98.9	99.1	99.1	99.7	100.0	100.0	100.0	100.0	100.0
GE 000	70.3	73.1	86.4	91.0	96.8	97.8	98.0	98.9	99.1	99.1	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 647

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	31.0	31.6	34.5	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
GE 20000	34.8	35.8	38.8	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
GE 18000	35.5	36.6	39.6	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 16000	35.5	36.6	39.6	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 14000	35.9	37.1	40.1	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 12000	35.9	37.2	40.3	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 10000	38.0	39.6	42.7	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 9000	40.1	41.9	45.2	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 8000	43.3	45.5	49.8	51.1	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 7000	46.5	48.7	53.2	54.5	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 6000	46.5	48.7	53.2	54.5	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 5000	49.0	51.3	55.9	57.2	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 4500	50.0	52.2	57.5	58.8	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 4000	56.2	59.4	66.1	68.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 3500	64.9	68.8	76.0	78.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 3000	78.1	83.2	91.9	93.8	95.0	95.2	95.2	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 2500	78.6	83.7	92.5	94.4	95.8	96.0	96.0	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2000	79.7	84.8	94.2	96.2	97.6	97.8	97.8	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1800	79.7	84.8	94.2	96.2	97.6	97.8	97.8	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1500	80.2	85.3	94.9	96.8	98.9	99.0	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	80.2	85.3	94.9	97.1	99.2	99.4	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	80.4	85.5	95.0	97.3	99.4	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	80.4	85.5	95.0	97.3	99.5	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	80.4	85.5	95.0	97.3	99.5	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	80.4	85.5	95.0	97.3	99.5	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	80.4	85.5	95.0	97.3	99.5	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	80.4	85.5	95.0	97.3	99.5	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	80.4	85.5	95.0	97.3	99.5	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	80.4	85.5	95.0	97.3	99.5	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	80.4	85.5	95.0	97.3	99.5	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	80.4	85.5	95.0	97.3	99.5	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	80.4	85.5	95.0	97.3	99.5	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 626

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	31.3	32.5	36.6	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 20000	35.9	37.6	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 18000	36.9	38.7	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 16000	36.9	38.7	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 14000	37.4	39.2	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 12000	38.4	40.2	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 10000	40.1	41.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 9000	42.4	44.2	49.2	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 8000	47.0	49.2	55.1	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 7000	49.2	51.5	57.6	58.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 6000	49.2	51.5	57.6	58.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 5000	52.0	54.8	60.9	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 4500	53.8	56.6	62.9	63.7	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 4000	64.4	68.2	75.2	76.3	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 3500	72.2	76.2	83.8	84.9	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 3000	80.8	86.1	95.0	96.2	96.9	97.2	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
GE 2500	81.0	86.3	95.2	96.5	97.2	97.5	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 2000	81.5	86.8	96.5	98.0	98.7	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 1800	81.5	86.8	96.5	98.0	98.7	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 1500	81.6	86.9	96.7	98.3	99.0	99.3	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	81.6	86.9	96.7	98.3	99.0	99.3	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	81.6	86.9	96.7	98.7	99.3	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	81.6	86.9	96.7	98.7	99.3	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	81.6	86.9	96.7	98.7	99.3	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	81.6	86.9	96.7	98.7	99.3	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	81.6	86.9	96.7	98.7	99.3	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	81.6	86.9	96.7	98.7	99.3	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	81.6	86.9	96.7	98.7	99.3	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	81.6	86.9	96.7	98.7	99.3	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	81.6	86.9	96.7	98.7	99.3	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	81.6	86.9	96.7	98.7	99.3	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	81.6	86.9	96.7	98.7	99.3	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 604

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUL HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	38.4	39.9	43.7	44.6	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 20000	43.5	45.4	49.5	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 18000	43.5	45.4	49.5	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 16000	44.1	46.0	50.1	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 14000	44.6	46.5	50.7	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 12000	45.2	47.1	51.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 10000	47.3	49.2	53.7	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 9000	49.0	50.8	55.7	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 8000	52.5	54.4	59.3	61.0	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 7000	56.3	58.4	63.3	65.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 6000	56.7	58.9	64.0	66.1	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 5000	60.5	62.7	67.8	69.9	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 4500	63.8	66.1	71.2	73.3	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 4000	72.3	75.9	82.5	84.6	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.6
GE 3500	77.8	81.4	88.3	90.6	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.7
GE 3000	81.2	84.7	93.2	95.9	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.1
GE 2500	81.5	85.1	94.0	96.6	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9
GE 2000	81.7	85.3	94.7	97.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 1800	81.7	85.3	94.7	97.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 1500	81.7	85.3	94.7	97.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 1200	81.7	85.3	94.7	97.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 1000	81.7	85.3	94.7	97.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 900	81.7	85.3	94.7	97.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 800	81.7	85.3	94.7	97.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 700	81.7	85.3	94.7	97.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 600	81.7	85.3	94.7	97.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 500	81.7	85.3	94.7	97.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 400	81.7	85.3	94.7	97.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 300	81.7	85.3	94.7	97.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 200	81.7	85.3	94.7	97.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 100	81.7	85.3	94.7	97.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 000	81.7	85.3	94.7	97.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 531

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUL HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 50	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	39.5	41.4	46.7	50.0	50.0	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 20000	43.4	45.4	50.7	54.6	54.6	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 18000	43.4	45.4	50.7	54.6	54.6	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 16000	43.4	45.4	50.7	54.6	54.6	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 14000	43.4	45.4	50.7	54.6	54.6	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 12000	43.4	45.4	50.7	54.6	54.6	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 10000	43.4	45.4	51.3	55.3	55.3	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 9000	44.1	46.1	52.0	55.9	55.9	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 8000	46.7	48.7	54.6	58.6	59.2	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 7000	50.7	52.6	59.2	63.8	64.5	65.1	65.1	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 6000	51.3	53.3	59.9	64.5	65.1	65.8	65.8	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 5000	54.6	56.6	63.8	68.4	69.7	70.4	70.4	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 4500	57.2	59.2	66.4	71.1	72.4	73.0	73.0	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 4000	65.1	67.8	77.0	81.6	82.9	83.6	83.6	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 3500	68.4	71.1	80.3	84.9	86.8	87.5	87.5	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 3000	72.4	75.0	86.2	92.1	96.7	97.4	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2500	72.4	75.0	86.2	92.1	96.7	97.4	97.4	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2000	72.4	75.0	86.2	92.1	96.7	97.4	97.4	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800	72.4	75.0	86.2	92.1	96.7	97.4	97.4	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1500	73.0	75.7	86.8	92.8	97.4	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	73.0	75.7	86.8	92.8	97.4	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	73.0	75.7	86.8	92.8	97.4	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	73.0	75.7	86.8	92.8	97.4	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	73.0	75.7	86.8	92.8	97.4	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	73.0	75.7	86.8	92.8	97.4	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	73.0	75.7	86.8	92.8	97.4	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	73.0	75.7	86.8	92.8	97.4	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	73.0	75.7	86.8	92.8	97.4	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	73.0	75.7	86.8	92.8	97.4	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	73.0	75.7	86.8	92.8	97.4	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	73.0	75.7	86.8	92.8	97.4	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	73.0	75.7	86.8	92.8	97.4	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 152

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUL HOURS: ALL

CEILING	VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
NO CEIL	29.2	30.4	35.1	36.6	37.7	38.2	38.2	38.3	38.4	38.4	38.6	38.6	38.6	38.6	38.6	38.7
GE 20000	32.6	34.0	39.2	40.7	41.9	42.4	42.5	42.6	42.8	42.8	43.0	43.0	43.0	43.1	43.1	43.1
GE 18000	33.1	34.5	39.8	41.4	42.7	43.1	43.2	43.3	43.5	43.5	43.7	43.7	43.7	43.8	43.8	43.8
GE 16000	33.2	34.6	39.9	41.5	42.8	43.3	43.3	43.4	43.6	43.6	43.8	43.8	43.8	43.9	43.9	44.0
GE 14000	33.6	35.0	40.3	41.9	43.2	43.7	43.8	43.9	44.1	44.1	44.3	44.3	44.3	44.3	44.4	44.4
GE 12000	34.1	35.6	41.0	42.6	44.0	44.5	44.5	44.7	44.8	44.8	45.0	45.0	45.0	45.1	45.2	45.2
GE 10000	35.8	37.5	43.1	44.8	46.3	46.8	46.9	47.0	47.2	47.2	47.4	47.4	47.4	47.5	47.5	47.5
GE 9000	37.5	39.3	45.2	47.0	48.6	49.2	49.2	49.4	49.5	49.5	49.7	49.7	49.7	49.8	49.9	49.9
GE 8000	40.7	42.7	49.1	51.2	53.2	53.8	53.8	53.9	54.2	54.2	54.4	54.4	54.4	54.5	54.5	54.5
GE 7000	43.8	45.9	52.5	54.7	56.8	57.5	57.6	57.7	58.0	58.0	58.2	58.2	58.2	58.3	58.3	58.4
GE 6000	44.1	46.2	52.9	55.2	57.2	57.9	58.0	58.1	58.4	58.4	58.6	58.6	58.6	58.7	58.7	58.8
GE 5000	47.3	49.6	56.8	59.0	61.2	61.9	61.9	62.1	62.4	62.4	62.6	62.6	62.6	62.7	62.8	62.8
GE 4500	49.4	51.7	59.2	61.5	63.8	64.5	64.6	64.7	65.0	65.0	65.2	65.2	65.2	65.3	65.4	65.4
GE 4000	56.1	59.2	67.9	70.5	73.2	74.1	74.1	74.4	74.7	74.7	75.0	75.0	75.0	75.1	75.2	75.3
GE 3500	62.1	65.4	74.7	77.4	80.3	81.3	81.4	81.7	82.0	82.0	82.2	82.3	82.3	82.5	82.5	82.6
GE 3000	69.9	73.7	84.7	87.8	91.2	92.6	92.7	93.0	93.3	93.4	93.7	93.8	93.8	93.9	94.0	94.1
GE 2500	70.8	74.6	85.9	89.2	92.7	94.1	94.1	94.5	94.8	94.9	95.2	95.3	95.4	95.5	95.5	95.6
GE 2000	71.7	75.5	87.5	91.0	94.6	96.0	96.0	96.4	96.7	96.8	97.1	97.2	97.3	97.4	97.4	97.5
GE 1800	71.8	75.6	87.6	91.1	94.8	96.1	96.2	96.6	96.9	97.0	97.3	97.4	97.4	97.6	97.6	97.7
GE 1500	72.2	76.0	88.2	91.8	95.8	97.1	97.2	97.6	97.9	98.0	98.4	98.6	98.6	98.8	98.8	98.9
GE 1200	72.2	76.0	88.3	91.9	96.0	97.3	97.4	97.8	98.1	98.2	98.6	98.8	98.8	98.9	99.0	99.1
GE 1000	72.2	76.1	88.3	92.1	96.2	97.5	97.7	98.1	98.4	98.5	98.9	99.0	99.1	99.2	99.3	99.4
GE 900	72.2	76.1	88.3	92.1	96.3	97.6	97.8	98.2	98.5	98.7	99.1	99.2	99.3	99.4	99.4	99.5
GE 800	72.2	76.1	88.3	92.1	96.3	97.7	97.8	98.2	98.6	98.7	99.1	99.3	99.3	99.4	99.5	99.6
GE 700	72.2	76.1	88.3	92.1	96.3	97.7	97.8	98.2	98.6	98.7	99.1	99.3	99.3	99.4	99.5	99.6
GE 600	72.2	76.1	88.3	92.1	96.3	97.7	97.8	98.2	98.6	98.7	99.1	99.3	99.3	99.5	99.5	99.6
GE 500	72.2	76.1	88.3	92.1	96.3	97.7	97.8	98.2	98.6	98.7	99.1	99.3	99.3	99.5	99.6	99.7
GE 400	72.2	76.1	88.3	92.1	96.3	97.7	97.8	98.2	98.6	98.8	99.2	99.3	99.3	99.5	99.6	99.8
GE 300	72.2	76.1	88.3	92.1	96.3	97.7	97.8	98.2	98.6	98.8	99.2	99.3	99.3	99.5	99.6	99.8
GE 200	72.2	76.1	88.3	92.1	96.3	97.7	97.8	98.2	98.6	98.8	99.2	99.3	99.4	99.6	99.7	100.0
GE 100	72.2	76.1	88.3	92.1	96.3	97.7	97.8	98.2	98.6	98.8	99.2	99.3	99.4	99.6	99.7	100.0
GE 000	72.2	76.1	88.3	92.1	96.3	97.7	97.8	98.2	98.6	98.8	99.2	99.3	99.4	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 3211

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 1C5360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: AUG HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	18.8	19.1	22.7	23.6	25.7	28.0	29.0	30.2	31.1	32.3	33.5	34.0	34.3	34.7	34.9	37.4
GE 20000	22.3	22.7	27.1	28.3	31.0	33.2	34.3	35.5	36.4	37.6	38.9	39.4	39.8	40.3	40.5	43.0
GE 18000	23.0	23.8	28.4	29.6	32.3	34.6	35.6	36.8	37.7	38.9	40.3	40.8	41.2	41.7	41.8	44.4
GE 16000	23.2	23.9	28.6	29.8	32.6	34.9	35.9	37.1	38.0	39.2	40.6	41.1	41.5	42.0	42.1	44.7
GE 14000	23.6	24.4	29.2	30.4	33.2	35.5	36.5	37.7	38.6	39.8	41.2	41.7	42.1	42.6	42.7	45.3
GE 12000	23.6	24.4	29.2	30.4	33.5	35.8	36.8	38.0	38.9	40.2	41.5	42.0	42.4	42.9	43.0	45.6
GE 10000	24.5	25.3	30.4	31.7	34.9	37.3	38.3	39.5	40.5	41.8	43.5	44.1	44.5	45.1	45.3	47.8
GE 9000	27.2	28.1	33.5	34.9	38.0	40.5	41.5	42.7	43.9	45.3	46.9	47.5	48.0	48.6	48.7	51.3
GE 8000	29.8	30.8	37.3	39.1	42.7	45.3	46.3	47.5	48.7	50.1	52.0	52.6	53.1	53.7	54.0	56.7
GE 7000	32.0	33.2	39.8	41.7	45.6	48.3	49.5	50.7	51.9	53.2	55.2	55.8	56.2	56.8	57.1	59.8
GE 6000	32.5	33.7	40.3	42.1	46.3	49.0	50.2	51.4	52.6	54.0	55.9	56.5	57.0	57.6	57.9	60.8
GE 5000	33.5	34.7	42.6	44.4	48.9	51.6	52.8	54.0	55.2	56.5	58.5	59.1	59.5	60.2	60.5	63.3
GE 4500	35.0	36.4	45.0	46.9	51.6	54.4	55.8	57.0	58.2	59.5	61.5	62.1	62.6	63.2	63.6	66.5
GE 4000	37.3	38.6	48.9	51.6	56.7	59.8	61.2	62.6	63.9	65.4	67.4	68.0	68.4	69.0	69.5	72.6
GE 3500	38.5	39.8	50.4	53.5	58.6	62.6	64.1	65.6	66.9	68.4	70.4	71.0	71.4	72.0	72.5	75.8
GE 3000	40.3	41.7	53.5	56.7	63.6	68.4	69.9	71.4	73.1	74.7	76.7	77.4	77.9	78.5	78.9	82.3
GE 2500	41.2	42.6	54.9	58.2	65.3	70.1	71.6	73.2	74.9	76.5	78.5	79.2	79.7	80.5	80.9	84.2
GE 2000	41.7	43.0	55.3	58.8	66.3	71.3	72.8	74.6	76.2	78.0	80.5	81.5	82.0	83.0	83.5	86.8
GE 1800	41.7	43.0	55.5	58.9	66.5	71.4	72.9	74.7	76.4	78.2	80.6	81.7	82.1	83.2	83.6	86.9
GE 1500	41.8	43.2	55.6	59.1	66.8	71.7	73.4	75.2	77.0	78.9	81.4	82.4	82.9	83.9	84.4	87.8
GE 1200	42.0	43.3	55.8	59.4	67.4	72.3	74.0	75.9	77.9	80.0	82.4	83.5	83.9	85.0	85.4	88.9
GE 1000	42.0	43.3	56.2	60.0	68.9	73.8	75.5	77.6	79.7	82.0	84.4	85.4	85.9	86.9	87.4	90.8
GE 900	42.0	43.3	56.2	60.0	68.9	73.8	75.5	77.6	79.7	82.0	84.4	85.4	85.9	86.9	87.4	90.8
GE 800	42.0	43.3	56.2	60.0	68.9	73.8	75.5	77.6	79.7	82.0	84.5	85.6	86.0	87.1	87.5	91.0
GE 700	42.0	43.3	56.2	60.0	69.0	74.0	75.8	77.9	80.0	82.3	84.8	85.9	86.3	87.4	87.8	91.3
GE 600	42.0	43.3	56.2	60.0	69.0	74.0	75.8	77.9	80.0	82.3	84.8	85.9	86.3	87.4	87.8	91.6
GE 500	42.0	43.3	56.2	60.0	69.0	74.0	75.8	77.9	80.0	82.3	84.8	85.9	86.3	87.4	88.1	92.6
GE 400	42.0	43.3	56.2	60.0	69.0	74.0	75.8	77.9	80.0	82.4	85.0	86.0	86.5	87.8	88.6	94.7
GE 300	42.0	43.3	56.2	60.0	69.0	74.0	75.8	77.9	80.0	82.4	85.0	86.0	86.5	87.8	88.6	95.8
GE 200	42.0	43.3	56.2	60.0	69.0	74.0	75.8	77.9	80.0	82.4	85.0	86.0	86.5	87.8	88.6	97.3
GE 100	42.0	43.3	56.2	60.0	69.0	74.0	75.8	77.9	80.0	82.4	85.0	86.0	86.5	87.8	88.6	98.5
GE 000	42.0	43.3	56.2	60.0	69.0	74.0	75.8	77.9	80.0	82.4	85.0	86.0	86.5	88.3	89.3	100.0

TOTAL NUMBER OF OBSERVATIONS 665

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: AUG HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	24.3	24.9	32.1	34.5	39.2	40.2	40.5	41.0	41.0	41.3	41.3	41.3	41.4	41.4	41.4	41.4
GE 20000	27.3	27.9	35.9	38.3	42.9	44.0	44.3	44.7	44.7	45.0	45.0	45.0	45.2	45.2	45.2	45.2
GE 18000	27.3	27.9	36.2	38.6	43.2	44.3	44.6	45.0	45.0	45.3	45.3	45.3	45.5	45.5	45.5	45.5
GE 16000	27.3	27.9	36.2	38.6	43.2	44.3	44.6	45.0	45.0	45.3	45.3	45.3	45.5	45.5	45.5	45.5
GE 14000	27.8	28.4	37.1	39.5	44.1	45.2	45.5	45.9	45.9	46.2	46.2	46.2	46.4	46.4	46.4	46.4
GE 12000	27.8	28.4	37.1	39.5	44.1	45.2	45.5	45.9	45.9	46.2	46.2	46.2	46.4	46.4	46.4	46.4
GE 10000	29.9	30.6	40.1	42.6	47.4	48.5	48.8	49.2	49.2	49.5	49.5	49.5	49.7	49.7	49.7	49.7
GE 9000	31.2	32.0	41.7	44.4	49.7	50.3	50.8	51.2	51.2	51.5	51.5	51.5	51.7	51.7	51.7	51.7
GE 8000	34.7	35.4	45.9	49.2	54.2	55.3	55.7	56.2	56.2	56.5	56.5	56.5	56.6	56.6	56.6	56.6
GE 7000	37.1	38.0	48.9	52.3	57.4	58.4	58.9	59.6	59.6	59.9	59.9	59.9	60.1	60.1	60.1	60.1
GE 6000	37.1	38.0	48.9	52.3	57.7	58.7	59.2	59.9	59.9	60.2	60.2	60.2	60.4	60.4	60.4	60.4
GE 5000	38.9	39.8	51.8	55.1	60.8	62.0	62.5	63.4	63.4	63.7	63.7	63.7	63.8	63.8	63.8	63.8
GE 4500	40.7	41.6	54.4	58.0	63.7	64.9	65.3	66.2	66.2	66.5	66.5	66.5	66.7	66.7	66.7	66.7
GE 4000	44.6	45.5	59.3	62.9	69.5	70.7	71.2	72.2	72.2	72.5	72.7	72.7	72.8	72.8	72.8	72.8
GE 3500	47.4	48.5	63.4	67.3	74.3	75.7	76.1	77.6	77.6	77.9	78.1	78.1	78.2	78.2	78.2	78.2
GE 3000	53.6	54.8	72.1	76.9	84.8	86.3	86.8	88.4	88.4	88.7	88.9	88.9	89.0	89.0	89.0	89.0
GE 2500	54.5	55.7	73.0	77.8	85.7	87.2	87.7	89.6	89.6	89.9	90.1	90.1	90.2	90.2	90.2	90.2
GE 2000	55.6	56.9	74.5	79.4	87.5	89.2	89.8	92.2	92.2	92.5	92.6	92.6	92.8	92.8	92.8	92.8
GE 1800	55.7	57.1	74.6	79.6	87.7	89.3	89.9	92.3	92.3	92.6	92.8	92.8	92.9	92.9	92.9	92.9
GE 1500	56.0	57.4	75.5	80.6	89.2	91.0	91.6	94.1	94.4	94.9	95.0	95.0	95.2	95.2	95.2	95.2
GE 1200	56.2	57.5	76.0	81.2	89.8	91.6	92.2	94.7	95.0	95.5	95.6	95.6	95.8	95.8	95.8	95.8
GE 1000	56.2	57.5	76.0	81.4	90.7	92.5	93.1	95.8	96.2	96.7	97.0	97.1	97.3	97.3	97.3	97.3
GE 900	56.2	57.5	76.0	81.4	90.7	92.6	93.2	95.9	96.4	97.0	97.3	97.4	97.6	97.6	97.6	97.6
GE 800	56.2	57.5	76.0	81.4	90.8	92.8	93.4	96.1	96.5	97.1	97.4	97.7	97.9	97.9	97.9	97.9
GE 700	56.2	57.5	76.0	81.4	90.8	92.8	93.4	96.1	96.7	97.6	97.9	98.2	98.3	98.3	98.3	98.3
GE 600	56.2	57.5	76.0	81.4	90.8	92.8	93.7	96.4	97.0	97.9	98.2	98.5	98.6	98.8	98.8	98.8
GE 500	56.2	57.5	76.0	81.4	91.0	92.9	93.8	96.5	97.1	98.0	98.3	98.6	98.8	98.9	98.9	98.9
GE 400	56.2	57.5	76.0	81.4	91.0	92.9	93.8	96.5	97.1	98.0	98.3	98.6	98.9	99.2	99.4	99.4
GE 300	56.2	57.5	76.0	81.4	91.1	93.1	94.0	96.8	97.4	98.3	98.6	98.9	99.2	99.5	99.7	99.7
GE 200	56.2	57.5	76.0	81.4	91.1	93.1	94.0	96.8	97.4	98.3	98.6	98.9	99.2	99.7	99.8	99.8
GE 100	56.2	57.5	76.0	81.4	91.1	93.1	94.0	96.8	97.4	98.3	98.6	98.9	99.2	99.7	99.8	99.8
GE 000	56.2	57.5	76.0	81.4	91.1	93.1	94.0	96.8	97.4	98.3	98.6	99.1	99.4	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 666

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: AUG HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	30.6	30.9	35.8	36.1	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 20000	36.6	37.0	43.0	43.3	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 18000	36.9	37.3	43.3	43.6	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 16000	36.9	37.3	43.3	43.6	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 14000	37.3	37.8	43.8	44.1	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 12000	38.1	38.6	44.5	44.8	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 10000	40.5	41.2	47.4	47.7	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 9000	43.3	44.1	50.6	50.9	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 8000	47.9	48.6	55.5	55.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 7000	50.3	51.1	58.2	58.7	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 6000	50.8	51.5	58.8	59.3	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 5000	53.5	54.3	62.0	62.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 4500	55.0	55.9	64.5	64.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 4000	62.2	63.3	73.0	73.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 3500	67.8	69.2	80.2	80.8	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 3000	76.8	78.4	90.4	91.2	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 2500	77.4	79.0	91.3	92.1	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 2000	78.4	79.9	92.7	93.4	95.6	95.9	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1800	78.4	79.9	92.7	93.6	95.9	96.3	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1500	78.5	80.0	93.6	94.7	97.1	97.9	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	78.5	80.0	93.6	94.8	97.6	98.3	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	78.5	80.0	93.8	95.1	98.3	99.1	99.1	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	78.5	80.0	93.8	95.1	98.3	99.1	99.1	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	78.5	80.0	93.8	95.1	98.3	99.1	99.1	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	78.5	80.0	93.8	95.1	98.3	99.1	99.1	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	78.5	80.0	93.8	95.1	98.3	99.1	99.1	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	78.5	80.0	93.8	95.1	98.3	99.1	99.1	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	78.5	80.0	93.8	95.1	98.3	99.2	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	78.5	80.0	93.8	95.1	98.3	99.2	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	78.5	80.0	93.8	95.1	98.3	99.2	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	78.5	80.0	93.8	95.1	98.3	99.2	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	78.5	80.0	93.8	95.1	98.3	99.2	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 656

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: AUG HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	32.2	33.0	35.8	36.3	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 20000	39.0	40.4	43.3	43.8	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 18000	39.6	41.1	44.3	44.7	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 16000	39.8	41.2	44.4	44.9	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 14000	40.0	41.4	44.6	45.1	45.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 12000	40.8	42.2	45.4	45.9	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 10000	43.2	44.1	48.1	48.6	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 9000	45.7	47.1	50.8	51.4	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 8000	50.8	52.7	57.2	57.8	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 7000	53.0	54.9	59.7	60.4	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 6000	53.5	55.4	60.4	61.0	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 5000	58.3	60.2	65.4	66.4	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 4500	60.7	62.6	68.6	69.6	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 4000	69.1	71.2	78.3	79.3	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 3500	77.2	79.5	87.4	88.4	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 3000	82.0	84.4	93.0	94.1	94.9	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2500	82.5	84.9	93.8	94.9	95.9	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2000	82.5	84.9	93.9	95.1	96.2	96.3	96.3	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1800	82.5	84.9	94.1	95.4	96.7	96.8	96.8	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1500	82.6	85.0	94.7	96.0	97.3	97.5	97.5	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	82.6	85.0	95.1	96.3	98.2	98.4	98.4	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	82.6	85.0	95.1	96.5	98.4	98.6	98.7	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	82.8	85.2	95.2	96.7	98.6	98.7	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	82.8	85.2	95.2	96.7	98.9	99.0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	82.8	85.2	95.2	96.7	98.9	99.0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	82.8	85.2	95.2	96.7	98.9	99.0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	82.8	85.2	95.2	96.7	98.9	99.0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	82.8	85.2	95.2	96.7	98.9	99.0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	82.8	85.2	95.2	96.7	98.9	99.0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	82.8	85.2	95.2	96.7	98.9	99.0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	82.8	85.2	95.2	96.7	98.9	99.0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	82.8	85.2	95.2	96.7	98.9	99.0	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 628

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: AUG HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	34.6	37.0	43.4	44.8	45.5	45.7	45.7	45.7	45.7	45.7	46.1	46.1	46.1	46.1	46.1	46.1
GE 20000	43.2	46.4	53.6	55.0	55.7	55.9	55.9	55.9	55.9	55.9	56.3	56.3	56.3	56.3	56.3	56.3
GE 18000	43.2	46.4	54.1	55.5	56.3	56.4	56.4	56.4	56.4	56.4	56.8	56.8	56.8	56.8	56.8	56.8
GE 16000	43.2	46.4	54.1	55.5	56.3	56.4	56.4	56.4	56.4	56.4	56.8	56.8	56.8	56.8	56.8	56.8
GE 14000	43.2	46.4	54.1	55.5	56.3	56.4	56.4	56.4	56.4	56.4	56.8	56.8	56.8	56.8	56.8	56.8
GE 12000	43.6	46.8	54.6	56.1	56.8	57.0	57.0	57.0	57.0	57.0	57.3	57.3	57.3	57.3	57.3	57.3
GE 10000	46.4	49.6	57.7	59.5	60.2	60.4	60.4	60.4	60.4	60.4	60.7	60.7	60.7	60.7	60.7	60.7
GE 9000	50.0	53.2	61.6	63.4	64.1	64.3	64.3	64.3	64.3	64.3	64.6	64.6	64.6	64.6	64.6	64.6
GE 8000	55.7	59.6	69.6	71.4	72.7	73.0	73.0	73.0	73.0	73.0	73.4	73.4	73.4	73.4	73.4	73.4
GE 7000	57.9	62.0	72.5	74.3	75.7	75.1	76.1	76.1	76.1	76.1	76.4	76.4	76.4	76.4	76.4	76.4
GE 6000	59.1	63.2	73.9	75.7	77.1	77.5	77.5	77.5	77.5	77.5	77.9	77.9	77.9	77.9	77.9	77.9
GE 5000	62.3	66.4	77.7	79.5	81.1	81.4	81.4	81.4	81.4	81.4	81.8	81.8	81.8	81.8	81.8	81.8
GE 4500	63.8	67.9	79.3	81.1	82.9	83.2	83.2	83.2	83.2	83.2	83.6	83.6	83.6	83.6	83.6	83.6
GE 4000	67.9	72.1	83.9	85.7	88.0	88.6	88.6	88.6	88.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9
GE 3500	69.8	74.3	86.8	88.6	90.9	91.6	91.6	91.6	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0
GE 3000	72.7	77.1	90.5	92.3	95.5	96.3	96.3	96.3	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6
GE 2500	72.7	77.1	90.5	92.3	95.5	96.3	96.3	96.3	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6
GE 2000	73.0	77.5	91.1	92.9	97.1	97.9	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2
GE 1800	73.0	77.5	91.3	93.0	97.3	98.0	98.0	98.0	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4
GE 1500	73.2	77.7	91.4	93.2	97.5	98.4	98.4	98.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	73.2	77.7	91.4	93.2	98.0	98.9	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	73.2	77.7	91.4	93.2	98.0	98.9	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	73.2	77.7	91.4	93.2	98.0	98.9	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	73.2	77.7	91.4	93.2	98.4	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	73.2	77.7	91.4	93.2	98.4	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	73.2	77.7	91.4	93.2	98.6	99.5	99.5	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	73.2	77.7	91.4	93.2	98.6	99.5	99.5	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	73.2	77.7	91.4	93.2	98.6	99.5	99.5	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	73.2	77.7	91.4	93.2	98.6	99.5	99.5	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	73.2	77.7	91.4	93.2	98.6	99.5	99.5	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	73.2	77.7	91.4	93.2	98.6	99.5	99.5	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	73.2	77.7	91.4	93.2	98.6	99.5	99.5	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 560

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: AUG HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	37.8	39.0	46.3	47.6	50.0	51.2	51.2	51.2	51.2	51.2	51.8	51.8	51.8	51.8	51.8	51.8
GE 20000	42.7	43.9	53.0	54.9	57.3	58.5	58.5	58.5	58.5	58.5	59.1	59.1	59.1	59.1	59.1	59.1
GE 18000	42.7	43.9	53.0	54.9	57.3	58.5	58.5	58.5	58.5	58.5	59.1	59.1	59.1	59.1	59.1	59.1
GE 16000	42.7	43.9	53.0	54.9	57.3	58.5	58.5	58.5	58.5	58.5	59.1	59.1	59.1	59.1	59.1	59.1
GE 14000	42.7	43.9	53.0	54.9	57.3	58.5	58.5	58.5	58.5	58.5	59.1	59.1	59.1	59.1	59.1	59.1
GE 12000	43.3	44.5	53.7	55.5	57.9	59.1	59.1	59.1	59.1	59.1	59.8	59.8	59.8	59.8	59.8	59.8
GE 10000	47.6	48.8	57.9	60.4	63.4	64.6	64.6	64.6	64.6	64.6	65.2	65.2	65.2	65.2	65.2	65.2
GE 9000	49.4	50.6	60.4	62.8	65.9	67.1	67.1	67.1	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7
GE 8000	53.0	54.9	64.6	67.1	70.1	71.3	71.3	71.3	71.3	71.3	72.0	72.0	72.0	72.0	72.0	72.0
GE 7000	56.1	57.9	67.7	70.1	73.2	74.4	74.4	74.4	74.4	74.4	75.0	75.0	75.0	75.0	75.0	75.0
GE 6000	56.7	58.5	68.3	70.7	73.8	75.0	75.0	75.0	75.0	75.0	75.6	75.6	75.6	75.6	75.6	75.6
GE 5000	60.4	62.2	72.6	75.6	79.9	81.1	81.1	81.1	81.1	81.1	81.7	81.7	81.7	81.7	81.7	81.7
GE 4500	61.0	62.8	73.8	76.8	81.7	83.5	83.5	83.5	83.5	83.5	84.1	84.1	84.1	84.1	84.1	84.1
GE 4000	63.4	65.2	76.2	79.9	84.8	86.6	86.6	86.6	86.6	86.6	87.2	87.2	87.2	87.2	87.2	87.2
GE 3500	65.2	67.1	79.3	82.9	88.4	90.2	90.2	90.2	90.2	90.2	90.9	90.9	90.9	90.9	90.9	90.9
GE 3000	67.7	69.5	82.3	86.6	92.1	93.9	93.9	93.9	93.9	93.9	94.5	94.5	94.5	94.5	94.5	94.5
GE 2500	68.3	70.1	83.5	88.4	93.9	96.3	96.3	96.3	96.3	96.3	97.0	97.0	97.0	97.0	97.0	97.0
GE 2000	68.3	70.1	83.5	88.4	95.1	97.6	97.6	97.6	97.6	97.6	98.2	98.2	98.2	98.2	98.2	98.2
GE 1800	68.3	70.1	83.5	88.4	95.1	97.6	97.6	97.6	97.6	97.6	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500	68.9	70.7	84.1	89.0	95.7	98.2	98.2	98.2	98.2	98.2	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	68.9	70.7	84.1	89.0	95.7	98.2	98.2	98.2	98.2	98.2	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	68.9	70.7	84.1	89.0	95.7	98.2	98.2	98.2	98.2	98.2	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	68.9	70.7	84.1	89.0	95.7	98.2	98.2	98.2	98.2	98.2	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	68.9	70.7	84.1	89.0	95.7	98.2	98.2	98.2	98.2	98.2	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	68.9	70.7	84.1	89.0	95.7	98.2	98.2	98.2	98.2	98.2	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	68.9	70.7	84.1	89.0	97.0	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	68.9	70.7	84.1	89.0	97.0	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	68.9	70.7	84.1	89.0	97.0	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	68.9	70.7	84.1	89.0	97.0	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	68.9	70.7	84.1	89.0	97.0	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	68.9	70.7	84.1	89.0	97.0	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	68.9	70.7	84.1	89.0	97.0	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 164

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	28.3	29.2	34.3	35.4	37.2	38.0	38.2	38.5	38.8	39.1	39.4	39.5	39.6	39.7	39.7	40.2
GE 20000	33.8	34.9	40.7	41.9	43.9	44.7	44.9	45.3	45.4	45.7	46.1	46.2	46.3	46.4	46.4	46.9
GE 18000	34.1	35.3	41.4	42.6	44.5	45.3	45.6	45.9	46.1	46.4	46.8	46.8	47.0	47.1	47.1	47.6
GE 16000	34.1	35.4	41.4	42.6	44.6	45.4	45.7	46.0	46.2	46.5	46.8	46.9	47.1	47.1	47.2	47.7
GE 14000	34.4	35.7	41.9	43.1	45.0	45.8	46.1	46.4	46.6	46.9	47.3	47.3	47.5	47.6	47.6	48.1
GE 12000	34.8	36.1	42.3	43.5	45.5	46.3	46.6	46.9	47.1	47.4	47.7	47.8	47.9	48.0	48.1	48.6
GE 10000	37.0	38.3	44.9	46.3	48.4	49.2	49.4	49.8	50.0	50.3	50.7	50.8	50.9	51.1	51.1	51.6
GE 9000	39.6	40.9	47.8	49.2	51.3	52.1	52.4	52.8	53.0	53.3	53.8	53.9	54.0	54.1	54.1	54.7
GE 8000	43.8	45.4	53.1	54.7	57.1	58.0	58.3	58.6	58.8	59.1	59.6	59.7	59.9	60.0	60.0	60.6
GE 7000	46.1	47.8	55.9	57.5	60.0	60.9	61.2	61.6	61.8	62.1	62.6	62.7	62.9	63.0	63.0	63.6
GE 6000	46.6	48.3	56.5	58.1	60.7	61.6	61.9	62.3	62.5	62.9	63.3	63.5	63.6	63.7	63.8	64.3
GE 5000	49.3	51.0	59.9	61.6	64.5	65.4	65.7	66.1	66.4	66.7	67.2	67.3	67.4	67.5	67.6	68.2
GE 4500	51.0	52.8	62.3	64.1	67.0	68.0	68.4	68.8	69.0	69.4	69.8	70.0	70.1	70.2	70.3	70.9
GE 4000	56.0	57.9	68.5	70.5	73.8	74.8	75.2	75.7	76.0	76.3	76.8	76.9	77.1	77.2	77.3	77.9
GE 3500	59.9	61.9	73.3	75.5	79.0	80.4	80.7	81.3	81.6	82.0	82.5	82.6	82.7	82.8	82.9	83.6
GE 3000	64.7	66.8	79.5	82.0	86.3	87.8	88.2	88.9	89.2	89.6	90.1	90.3	90.4	90.5	90.6	91.3
GE 2500	65.3	67.4	80.4	82.9	87.2	88.8	89.2	90.0	90.3	90.7	91.2	91.3	91.5	91.6	91.7	92.4
GE 2000	65.9	68.0	81.1	83.7	88.5	90.1	90.6	91.5	91.9	92.3	92.9	93.1	93.3	93.5	93.6	94.2
GE 1800	65.9	68.0	81.3	83.9	88.7	90.4	90.8	91.8	92.2	92.6	93.2	93.4	93.5	93.7	93.8	94.5
GE 1500	66.1	68.3	81.8	84.5	89.5	91.3	91.8	92.8	93.3	93.7	94.3	94.5	94.7	94.9	95.0	95.7
GE 1200	66.2	68.3	82.0	84.8	90.1	91.9	92.4	93.5	94.0	94.5	95.1	95.3	95.4	95.6	95.7	96.4
GE 1000	66.2	68.3	82.1	85.0	90.8	92.6	93.1	94.2	94.8	95.4	96.0	96.2	96.3	96.6	96.6	97.3
GE 900	66.2	68.3	82.2	85.1	90.8	92.6	93.1	94.3	94.8	95.4	96.1	96.3	96.4	96.6	96.7	97.4
GE 800	66.2	68.3	82.2	85.1	91.0	92.8	93.3	94.4	95.0	95.6	96.3	96.5	96.6	96.9	96.9	97.6
GE 700	66.2	68.3	82.2	85.1	91.0	92.8	93.3	94.5	95.1	95.7	96.4	96.7	96.8	97.0	97.1	97.8
GE 600	66.2	68.3	82.2	85.1	91.1	92.9	93.5	94.6	95.2	95.9	96.6	96.9	97.0	97.2	97.3	98.1
GE 500	66.2	68.3	82.2	85.1	91.1	92.9	93.5	94.7	95.3	96.0	96.6	96.9	97.0	97.2	97.4	98.3
GE 400	66.2	68.3	82.2	85.1	91.1	93.0	93.5	94.7	95.3	96.0	96.7	96.9	97.1	97.4	97.6	98.8
GE 300	66.2	68.3	82.2	85.1	91.1	93.0	93.6	94.8	95.4	96.1	96.7	97.0	97.2	97.5	97.7	99.1
GE 200	66.2	68.3	82.2	85.1	91.1	93.0	93.6	94.8	95.4	96.1	96.7	97.0	97.2	97.5	97.7	99.4
GE 100	66.2	68.3	82.2	85.1	91.1	93.0	93.6	94.8	95.4	96.1	96.7	97.0	97.2	97.5	97.7	99.7
GE 000	66.2	68.3	82.2	85.1	91.1	93.0	93.6	94.8	95.4	96.1	96.7	97.0	97.2	97.6	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3339

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: SEP HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	10.0	10.5	13.7	14.9	17.6	18.9	19.4	20.5	20.6	21.6	22.1	22.4	22.4	23.8	24.8	30.3
GE 20000	11.4	12.1	15.7	17.1	20.0	21.3	21.7	23.2	23.3	24.3	24.8	25.2	25.2	27.0	27.9	34.4
GE 18000	11.6	12.2	16.0	17.5	20.5	21.7	22.2	23.7	23.8	24.8	25.2	25.7	25.7	27.5	28.4	34.9
GE 16000	12.1	12.7	16.5	17.9	21.0	22.2	22.7	24.1	24.3	25.2	25.7	26.2	26.2	27.9	28.9	35.4
GE 14000	12.1	12.7	16.5	17.9	21.0	22.2	22.7	24.1	24.3	25.2	25.7	26.2	26.2	27.9	28.9	35.4
GE 12000	12.1	12.7	16.5	17.9	21.0	22.2	22.7	24.3	24.4	25.4	25.9	26.3	26.3	28.1	29.0	35.7
GE 10000	12.5	13.2	17.8	19.2	22.5	23.8	24.3	25.9	26.0	27.0	27.5	27.9	27.9	29.7	30.6	37.3
GE 9000	14.0	14.6	19.5	21.0	24.3	25.6	26.0	27.6	27.9	28.9	29.4	29.8	29.8	31.9	32.9	39.5
GE 8000	16.3	17.0	23.2	25.1	28.7	30.0	30.6	32.7	33.0	34.0	34.6	35.2	35.2	37.8	38.7	45.4
GE 7000	16.7	17.3	23.7	25.9	30.2	31.4	32.2	34.4	34.8	35.7	36.5	37.1	37.1	39.7	40.6	47.3
GE 6000	17.0	17.6	24.3	26.5	31.0	32.2	33.0	35.2	35.6	36.5	37.3	37.9	37.9	40.5	41.4	48.1
GE 5000	18.1	18.9	26.3	28.9	33.5	34.8	35.6	37.8	38.1	39.2	40.0	40.6	40.8	43.5	44.4	51.4
GE 4500	18.9	19.7	27.8	30.6	35.2	36.5	37.3	39.5	39.8	41.0	41.7	42.4	42.5	45.2	46.2	53.2
GE 4000	22.2	23.3	32.2	35.4	40.2	41.6	42.4	44.6	45.1	46.5	47.3	47.9	48.3	51.1	52.1	59.2
GE 3500	25.1	26.2	36.5	40.2	45.1	46.7	47.5	49.8	50.3	51.7	52.5	53.3	53.7	56.7	57.6	64.8
GE 3000	27.9	29.2	40.8	45.1	51.3	53.0	53.8	56.8	57.5	58.9	59.7	60.5	60.8	63.8	64.8	71.9
GE 2500	29.0	30.5	43.3	47.9	54.9	57.0	57.8	61.0	61.7	63.3	64.1	65.1	65.4	68.4	69.4	76.5
GE 2000	29.5	31.0	44.4	49.2	57.8	60.2	61.0	64.1	65.4	67.0	67.8	68.7	69.0	72.1	73.2	80.6
GE 1800	29.7	31.1	44.6	49.4	57.9	60.5	61.3	64.6	65.9	67.5	68.3	69.2	69.5	72.5	73.7	81.1
GE 1500	30.6	32.2	46.8	51.6	60.5	63.2	64.0	67.3	68.6	70.2	71.0	71.9	72.2	75.2	76.3	83.8
GE 1200	30.6	32.2	47.1	52.2	61.1	63.8	64.8	68.1	69.4	71.0	71.7	72.7	73.0	76.0	77.1	84.6
GE 1000	30.6	32.2	47.1	52.2	61.7	64.6	65.7	69.2	70.5	72.1	72.9	73.8	74.1	77.1	78.4	86.2
GE 900	30.6	32.2	47.1	52.2	61.7	64.6	65.7	69.2	70.5	72.1	72.9	73.8	74.1	77.1	78.4	86.2
GE 800	30.6	32.2	47.1	52.2	61.9	64.8	65.9	69.4	70.6	72.2	73.0	74.0	74.3	77.3	78.6	86.3
GE 700	30.6	32.2	47.1	52.2	61.9	64.9	66.0	69.5	70.8	72.4	73.2	74.1	74.4	77.5	78.7	86.7
GE 600	30.6	32.2	47.1	52.2	62.1	65.7	66.8	70.5	71.7	73.3	74.1	75.1	75.4	78.4	79.7	88.6
GE 500	30.6	32.2	47.1	52.2	62.2	65.9	67.0	70.6	71.9	73.5	74.3	75.2	75.6	78.7	80.0	89.5
GE 400	30.6	32.2	47.1	52.2	62.2	66.0	67.3	71.0	72.2	73.8	74.6	75.6	75.9	79.0	80.3	90.3
GE 300	30.6	32.2	47.1	52.2	62.2	66.0	67.5	71.1	72.4	74.0	74.8	75.7	76.0	79.2	80.5	91.1
GE 200	30.6	32.2	47.1	52.2	62.2	66.0	67.5	71.1	72.4	74.0	74.8	75.7	76.0	79.2	80.5	93.3
GE 100	30.6	32.2	47.1	52.2	62.2	66.0	67.5	71.1	72.4	74.0	74.8	75.7	76.0	79.2	80.5	97.9
GE 000	30.6	32.2	47.1	52.2	62.2	66.0	67.5	71.1	72.4	74.0	74.8	75.7	76.0	79.2	80.5	100.0

TOTAL NUMBER OF OBSERVATIONS 630

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	16.1	16.4	22.9	24.9	28.5	29.0	29.5	30.9	31.1	31.2	31.9	32.3	32.3	32.5	32.6	33.0
GE 20000	18.1	18.5	26.8	28.9	33.0	33.6	34.2	35.8	36.0	36.4	37.2	37.9	37.9	38.2	38.3	38.6
GE 18000	18.1	18.5	26.8	29.0	33.1	33.9	34.5	36.1	36.3	36.8	37.5	38.2	38.2	38.5	38.6	39.0
GE 16000	18.3	18.6	27.0	29.2	33.3	34.1	34.7	36.3	36.4	36.9	37.7	38.3	38.3	38.6	38.8	39.1
GE 14000	18.5	18.8	27.1	29.3	33.4	34.2	34.9	36.4	36.6	37.1	37.9	38.5	38.5	38.8	39.0	39.3
GE 12000	18.9	19.2	27.6	29.8	33.9	34.7	35.3	37.2	37.4	37.9	38.6	39.3	39.3	39.6	39.7	40.1
GE 10000	20.8	21.1	29.8	32.3	36.4	37.2	37.9	39.7	39.9	40.4	41.2	41.8	41.8	42.1	42.3	42.6
GE 9000	21.5	21.8	30.4	33.0	37.1	37.9	38.5	40.4	40.5	41.0	41.8	42.4	42.4	42.7	42.9	43.2
GE 8000	23.7	24.3	33.6	36.3	41.3	42.7	43.4	45.6	45.7	46.4	47.2	47.8	47.8	48.1	48.3	48.6
GE 7000	24.4	25.1	35.0	37.7	43.7	45.3	46.1	48.3	48.4	49.1	49.8	50.5	50.5	50.8	50.9	51.3
GE 6000	24.9	25.6	35.6	38.3	44.3	45.9	46.7	48.9	49.1	49.7	50.6	51.3	51.3	51.6	51.7	52.1
GE 5000	27.1	27.9	38.5	41.3	47.6	49.4	50.2	52.4	52.7	53.3	54.3	54.9	54.9	55.2	55.4	55.7
GE 4500	28.2	29.0	39.7	42.7	49.2	50.9	51.7	53.9	54.3	54.9	55.8	56.5	56.5	56.8	56.9	57.3
GE 4000	33.0	33.8	46.1	49.7	56.5	58.5	59.3	61.7	62.0	62.6	63.6	64.2	64.4	64.7	64.8	65.1
GE 3500	36.8	37.7	51.4	55.7	63.2	65.3	66.2	68.6	68.9	69.6	70.5	71.1	71.3	71.6	71.8	72.1
GE 3000	43.2	44.3	59.3	63.7	71.9	74.1	75.2	77.8	78.1	78.7	79.8	80.4	80.6	80.9	81.2	81.5
GE 2500	44.6	45.7	61.4	66.1	74.3	76.5	77.6	80.3	80.6	81.2	82.3	83.0	83.1	83.4	83.8	84.1
GE 2000	46.1	47.2	63.4	68.9	77.6	79.8	80.9	83.8	84.1	84.7	85.8	86.4	86.6	86.9	87.2	87.5
GE 1800	46.5	47.6	64.4	69.9	78.5	80.8	81.9	84.7	85.0	85.6	86.8	87.4	87.5	87.9	88.2	88.5
GE 1500	47.5	48.6	65.8	71.5	80.4	82.8	83.9	86.8	87.1	87.7	88.8	89.4	89.6	89.9	90.2	90.5
GE 1200	47.6	48.7	66.1	71.9	81.2	83.8	85.0	87.9	88.2	88.8	89.9	90.5	90.7	91.0	91.3	91.6
GE 1000	47.6	48.7	66.1	71.9	81.7	84.2	85.6	88.6	89.0	89.7	90.9	91.5	91.8	92.1	92.4	92.7
GE 900	47.6	48.7	66.2	72.1	81.9	84.4	85.8	88.8	89.1	89.9	91.0	91.6	92.0	92.3	92.6	92.9
GE 800	47.6	48.7	66.2	72.1	82.0	84.7	86.1	89.1	89.4	90.4	91.5	92.1	92.4	92.7	93.1	93.4
GE 700	47.6	48.7	66.2	72.1	82.0	84.7	86.1	89.3	89.7	90.7	91.8	92.4	92.7	93.1	93.4	93.7
GE 600	47.6	48.7	66.2	72.1	82.5	85.2	86.6	89.7	90.2	91.3	92.4	93.1	93.4	93.7	94.0	94.8
GE 500	47.6	48.7	66.2	72.1	82.6	85.3	86.8	89.9	90.4	91.5	92.7	93.4	93.7	94.0	94.3	95.1
GE 400	47.6	48.7	66.2	72.1	82.6	85.3	86.9	90.1	90.5	91.6	92.9	93.5	94.0	94.3	95.0	95.7
GE 300	47.6	48.7	66.2	72.1	82.6	85.3	86.9	90.2	90.7	91.8	93.1	93.8	94.5	95.0	95.7	96.7
GE 200	47.6	48.7	66.2	72.1	82.6	85.3	86.9	90.2	90.7	91.8	93.1	94.0	94.6	95.1	96.1	97.6
GE 100	47.6	48.7	66.2	72.1	82.6	85.3	86.9	90.2	90.7	91.8	93.1	94.0	94.8	95.4	96.4	99.2
GE 000	47.6	48.7	66.2	72.1	82.6	85.3	86.9	90.2	90.7	91.8	93.1	94.2	95.0	96.1	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 634

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: SEP HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	27.5	28.3	34.4	36.8	38.4	38.5	38.5	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 20000	31.5	32.3	38.7	41.1	43.0	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 18000	32.0	32.8	39.2	41.6	43.5	43.6	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 16000	32.0	32.8	39.2	41.6	43.5	43.6	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 14000	32.2	33.0	39.3	41.7	43.6	43.8	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 12000	33.1	33.9	40.3	42.7	44.6	44.7	44.7	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 10000	34.6	35.4	42.0	44.9	46.8	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 9000	36.1	36.9	43.9	46.8	48.7	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 8000	42.2	43.0	50.5	53.3	55.6	55.7	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 7000	42.7	43.6	51.3	54.1	56.7	56.8	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 6000	42.8	43.8	51.4	54.3	56.8	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 5000	45.7	46.7	54.3	57.2	59.7	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 4500	47.3	48.2	56.7	59.7	62.4	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 4000	53.5	54.5	64.2	67.5	70.7	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 3500	62.3	63.4	74.0	77.9	81.4	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 3000	69.6	71.2	83.6	87.7	92.2	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 2500	70.4	72.0	85.2	89.3	94.1	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 2000	71.3	72.9	86.6	90.9	96.3	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1800	71.3	72.9	86.6	90.9	96.3	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1500	71.7	73.2	87.4	91.7	97.6	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	71.7	73.2	87.4	91.7	97.8	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	71.7	73.2	87.4	91.7	98.1	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	71.7	73.2	87.4	91.7	98.1	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	71.7	73.2	87.4	91.7	98.7	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	71.7	73.2	87.4	91.7	98.7	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	71.7	73.2	87.4	91.7	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	71.7	73.2	87.4	91.7	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	71.7	73.2	87.4	91.7	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	71.7	73.2	87.4	91.7	99.0	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	71.7	73.2	87.4	91.7	99.0	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	71.7	73.2	87.4	91.7	99.0	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	71.7	73.2	87.4	91.7	99.0	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 628

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: SEP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	30.5	32.0	37.2	37.5	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 20000	34.8	36.7	41.9	42.4	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 18000	35.3	37.2	42.4	42.9	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 16000	35.3	37.2	42.4	42.9	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 14000	36.0	37.9	43.0	43.6	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 12000	37.4	39.2	44.4	44.9	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 10000	40.0	42.2	47.4	47.9	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 9000	42.9	45.4	50.6	51.1	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 8000	49.2	51.9	57.8	58.5	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 7000	49.9	52.6	58.6	59.3	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 6000	50.3	53.1	59.3	60.0	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 5000	53.1	56.3	62.6	63.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 4500	55.1	58.3	65.0	66.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 4000	62.3	65.8	74.0	75.2	76.4	76.5	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 3500	68.3	72.2	81.4	82.7	84.4	84.6	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 3000	73.7	78.1	89.9	91.6	94.5	94.6	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2500	74.5	78.9	91.0	92.6	95.5	95.6	96.0	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2000	74.5	78.9	91.0	92.8	96.1	96.5	96.8	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1800	74.5	78.9	91.0	93.0	96.3	96.6	97.0	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1500	74.5	78.9	91.1	93.1	96.6	97.0	97.3	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1200	74.5	78.9	91.3	93.3	96.8	97.2	97.5	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	74.5	78.9	91.5	93.5	97.5	97.8	98.2	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	74.5	78.9	91.5	93.6	97.7	98.0	98.3	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	74.5	78.9	91.5	93.6	98.3	98.8	99.2	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	74.5	78.9	91.5	93.6	98.3	99.0	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	74.5	78.9	91.5	93.6	98.3	99.0	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	74.5	78.9	91.5	93.6	98.3	99.0	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	74.5	78.9	91.5	93.6	98.3	99.0	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	74.5	78.9	91.5	93.6	98.3	99.0	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	74.5	78.9	91.5	93.6	98.3	99.0	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	74.5	78.9	91.5	93.6	98.3	99.0	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	74.5	78.9	91.5	93.6	98.3	99.0	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 597

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: SEP HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	30.4	31.5	40.3	42.1	44.2	44.6	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 20000	35.5	36.7	46.2	48.2	51.0	51.8	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 18000	36.7	37.9	47.4	49.4	52.2	53.0	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 16000	37.5	38.9	48.4	50.4	53.2	54.0	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 14000	37.5	38.9	48.4	50.4	53.2	54.0	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 12000	38.7	40.1	49.6	51.6	54.4	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 10000	40.9	42.3	51.8	53.8	56.5	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 9000	43.1	44.4	54.0	56.2	58.9	59.7	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 8000	47.2	49.0	58.9	61.7	65.1	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 7000	48.0	50.2	60.9	63.7	67.1	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 6000	48.4	50.6	61.3	64.3	67.7	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 5000	51.4	53.6	65.3	68.5	72.0	72.8	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 4500	53.8	56.0	67.7	71.0	75.0	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 4000	58.5	60.7	73.4	77.0	82.3	83.1	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 3500	62.9	65.3	78.4	81.9	87.3	88.3	88.9	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 3000	67.5	70.0	83.9	87.7	93.3	94.4	95.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2500	67.5	70.0	83.9	87.7	93.3	94.4	95.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2000	67.7	70.2	84.5	88.3	94.2	95.4	96.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1800	67.9	70.4	84.9	88.7	94.6	95.8	96.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	67.9	70.4	84.9	88.7	94.8	96.4	97.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	67.9	70.4	84.9	88.7	95.0	96.6	97.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	67.9	70.4	84.9	89.1	95.4	97.0	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	67.9	70.4	84.9	89.1	95.6	97.2	97.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	67.9	70.4	84.9	89.1	96.2	98.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	67.9	70.4	84.9	89.1	96.2	98.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	67.9	70.4	84.9	89.1	96.2	98.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	67.9	70.4	84.9	89.1	96.2	98.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	67.9	70.4	84.9	89.1	96.2	98.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	67.9	70.4	84.9	89.1	96.2	98.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	67.9	70.4	84.9	89.1	96.2	98.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	67.9	70.4	84.9	89.1	96.2	98.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	67.9	70.4	84.9	89.1	96.2	98.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 504

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: SEP HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	32.5	33.3	40.0	46.7	52.5	52.5	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 20000	34.2	35.0	41.7	48.3	55.0	55.0	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 18000	34.2	35.0	41.7	48.3	55.0	55.0	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 16000	35.0	35.8	42.5	49.2	55.8	55.8	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 14000	35.0	35.8	42.5	49.2	55.8	55.8	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 12000	36.7	37.5	45.0	51.7	58.3	58.3	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 10000	36.7	37.5	45.0	51.7	58.3	58.3	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 9000	40.8	41.7	49.2	55.8	62.5	62.5	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 8000	49.2	50.0	58.3	65.0	71.7	71.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 7000	50.0	50.8	59.2	65.8	73.3	73.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 6000	50.8	51.7	60.0	66.7	74.2	74.2	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 5000	52.5	54.2	63.3	70.0	77.5	77.5	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 4500	53.3	55.0	65.0	71.7	80.0	80.0	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 4000	55.0	56.7	68.3	75.0	84.2	84.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 3500	58.3	60.0	71.7	78.3	88.3	88.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 3000	60.0	61.7	74.2	81.7	92.5	92.5	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 2500	61.7	63.3	76.7	84.2	95.0	95.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 2000	61.7	63.3	76.7	84.2	95.0	95.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1800	61.7	63.3	76.7	84.2	95.0	95.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1500	61.7	63.3	76.7	84.2	95.0	95.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1200	61.7	63.3	76.7	84.2	95.0	95.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	61.7	63.3	76.7	85.0	95.8	96.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	61.7	63.3	76.7	85.0	95.8	96.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	61.7	63.3	76.7	85.0	95.8	97.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	61.7	63.3	76.7	85.0	95.8	97.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	61.7	63.3	76.7	85.0	95.8	97.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	61.7	63.3	76.7	85.0	95.8	97.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	61.7	63.3	76.7	85.0	95.8	97.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	61.7	63.3	76.7	85.0	95.8	97.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	61.7	63.3	76.7	85.0	95.8	97.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	61.7	63.3	76.7	85.0	95.8	97.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	61.7	63.3	76.7	85.0	95.8	97.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 120

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: SEP HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	22.9	23.7	29.6	31.3	33.5	34.0	34.3	34.9	34.9	35.1	35.4	35.5	35.5	35.8	36.1	37.3
GE 20000	26.1	27.0	33.6	35.4	38.0	38.5	38.9	39.6	39.6	39.9	40.2	40.4	40.4	40.8	41.1	42.4
GE 18000	26.5	27.5	34.0	35.9	38.5	39.1	39.5	40.1	40.2	40.5	40.7	41.0	41.0	41.4	41.6	43.0
GE 16000	26.8	27.8	34.3	36.2	38.8	39.4	39.8	40.4	40.5	40.8	41.1	41.3	41.3	41.7	41.9	43.3
GE 14000	27.0	28.0	34.5	36.4	39.0	39.6	40.0	40.6	40.7	41.0	41.2	41.5	41.5	41.9	42.1	43.5
GE 12000	27.8	28.8	35.4	37.3	39.9	40.4	40.8	41.6	41.6	41.9	42.2	42.4	42.4	42.8	43.0	44.5
GE 10000	29.5	30.5	37.4	39.4	42.1	42.7	43.1	43.8	43.9	44.2	44.4	44.7	44.7	45.1	45.3	46.7
GE 9000	31.3	32.3	39.4	41.4	44.1	44.7	45.1	45.8	45.9	46.2	46.5	46.7	46.7	47.2	47.4	48.8
GE 8000	35.6	36.9	44.6	46.9	50.0	50.8	51.2	52.1	52.2	52.5	52.8	53.0	53.0	53.6	53.8	55.3
GE 7000	36.2	37.6	45.6	48.1	51.6	52.3	52.8	53.7	53.8	54.2	54.5	54.7	54.7	55.3	55.5	57.0
GE 6000	36.6	38.0	46.2	48.6	52.2	52.9	53.4	54.4	54.4	54.8	55.1	55.4	55.4	56.0	56.2	57.6
GE 5000	38.9	40.5	49.1	51.8	55.6	56.3	56.8	57.8	57.9	58.2	58.6	58.8	58.9	59.5	59.7	61.2
GE 4500	40.4	42.0	51.1	53.9	57.9	58.7	59.1	60.1	60.2	60.6	60.9	61.2	61.2	61.8	62.0	63.5
GE 4000	45.6	47.2	57.6	60.7	65.1	66.0	66.5	67.6	67.7	68.2	68.5	68.8	68.9	69.5	69.7	71.2
GE 3500	50.7	52.5	63.9	67.3	72.1	73.1	73.8	74.9	75.0	75.5	75.8	76.1	76.2	76.9	77.1	78.6
GE 3000	55.9	58.0	70.9	74.7	80.4	81.5	82.1	83.6	83.7	84.2	84.5	84.8	84.9	85.6	85.9	87.4
GE 2500	56.8	58.9	72.4	76.4	82.3	83.5	84.1	85.6	85.8	86.3	86.7	87.0	87.1	87.8	88.1	89.6
GE 2000	57.4	59.5	73.5	77.7	84.3	85.6	86.2	87.7	88.1	88.6	88.9	89.3	89.4	90.0	90.3	91.9
GE 1800	57.5	59.7	73.8	78.0	84.6	85.9	86.6	88.1	88.4	88.9	89.3	89.7	89.8	90.4	90.7	92.3
GE 1500	58.0	60.2	74.7	79.0	85.9	87.3	88.0	89.5	89.8	90.3	90.7	91.0	91.1	91.8	92.1	93.7
GE 1200	58.0	60.2	74.8	79.2	86.3	87.8	88.5	90.0	90.4	90.9	91.3	91.6	91.7	92.4	92.6	94.2
GE 1000	58.0	60.2	74.9	79.3	86.8	88.3	89.1	90.7	91.0	91.6	92.0	92.3	92.4	93.1	93.4	95.1
GE 900	58.0	60.2	74.9	79.4	86.9	88.4	89.2	90.8	91.1	91.7	92.1	92.4	92.5	93.2	93.5	95.1
GE 800	58.0	60.2	74.9	79.4	87.3	89.0	89.8	91.4	91.7	92.3	92.7	93.0	93.1	93.8	94.1	95.8
GE 700	58.0	60.2	74.9	79.4	87.3	89.0	89.8	91.5	91.8	92.4	92.8	93.1	93.3	93.9	94.2	95.9
GE 600	58.0	60.2	74.9	79.4	87.5	89.4	90.1	91.8	92.2	92.8	93.2	93.5	93.6	94.3	94.6	96.6
GE 500	58.0	60.2	74.9	79.4	87.5	89.4	90.2	91.9	92.3	92.9	93.3	93.6	93.7	94.4	94.8	96.9
GE 400	58.0	60.2	74.9	79.4	87.5	89.5	90.3	92.0	92.4	93.0	93.4	93.7	93.9	94.6	95.0	97.1
GE 300	58.0	60.2	74.9	79.4	87.5	89.5	90.4	92.1	92.5	93.1	93.5	93.8	94.0	94.8	95.2	97.5
GE 200	58.0	60.2	74.9	79.4	87.5	89.5	90.4	92.1	92.5	93.1	93.5	93.9	94.1	94.8	95.2	98.2
GE 100	58.0	60.2	74.9	79.4	87.5	89.5	90.4	92.1	92.5	93.1	93.5	93.9	94.1	94.9	95.3	99.4
GE 000	58.0	60.2	74.9	79.4	87.5	89.5	90.4	92.1	92.5	93.1	93.5	93.9	94.1	95.0	95.4	100.0

TOTAL NUMBER OF OBSERVATIONS 3113

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: OCT HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	11.7	11.8	16.0	16.7	18.2	19.0	20.1	20.7	21.6	22.7	22.7	22.7	23.2	23.5	24.0	30.0
GE 20000	12.6	12.8	17.2	18.2	19.6	20.5	21.6	22.3	23.2	24.3	24.3	24.3	24.8	25.1	25.6	31.8
GE 18000	13.0	13.1	17.5	18.5	19.9	20.9	22.0	22.6	23.5	24.6	24.6	24.6	25.1	25.4	25.9	32.1
GE 16000	13.0	13.1	17.5	18.5	19.9	20.9	22.0	22.6	23.5	24.6	24.6	24.6	25.1	25.4	25.9	32.1
GE 14000	13.3	13.4	17.9	18.8	20.2	21.2	22.3	22.9	23.9	25.0	25.0	25.0	25.4	25.8	26.2	32.4
GE 12000	13.3	13.4	17.9	18.8	20.4	21.3	22.4	23.1	24.0	25.1	25.1	25.1	25.6	25.9	26.4	32.5
GE 10000	13.9	14.1	19.0	20.1	22.0	23.2	24.5	25.3	26.2	27.3	27.3	27.3	27.8	28.1	28.6	34.8
GE 9000	14.8	15.0	20.2	21.3	23.4	24.8	26.2	27.0	28.3	29.4	29.4	29.4	29.9	30.2	30.6	37.0
GE 8000	16.4	16.6	23.5	24.8	27.3	29.1	30.6	31.4	32.7	33.8	33.8	34.0	34.4	34.9	35.4	41.7
GE 7000	17.1	17.2	24.8	26.5	29.5	31.3	32.9	33.8		36.3	36.3	36.5	37.0	37.4	37.9	44.2
GE 6000	17.2	17.4	25.0	26.7	29.7	31.4	33.0	34.0	35.4	36.5	36.5	36.7	37.1	37.6	38.1	44.4
GE 5000	18.8	19.0	26.5	28.4	31.6	33.3	34.9	35.9	37.3	38.4	38.4	38.5	39.0	39.5	40.0	46.3
GE 4500	19.6	19.7	27.5	29.5	33.3	35.1	36.8	37.8	39.2	40.3	40.3	40.4	40.9	41.4	41.9	48.2
GE 4000	21.0	21.3	29.5	31.6	35.4	37.3	39.5	40.4	41.9	43.0	43.0	43.1	43.6	44.1	44.5	50.9
GE 3500	22.7	23.4	32.9	35.1	39.3	41.7	44.1	45.0	46.4	47.6	47.6	47.7	48.2	48.7	49.3	55.6
GE 3000	25.6	26.4	37.0	39.5	44.7	47.4	49.9	51.5	52.9	54.0	54.2	54.5	55.1	55.6	56.4	62.7
GE 2500	26.2	27.0	38.4	41.2	47.7	50.7	53.2	55.1	56.9	58.1	58.6	59.4	60.0	60.5	61.3	67.6
GE 2000	29.2	30.3	42.7	45.8	52.9	56.2	58.9	60.8	62.6	63.8	64.5	65.2	65.9	66.4	67.1	73.6
GE 1800	29.2	30.3	43.0	46.1	53.4	56.9	59.7	61.6	63.3	64.6	65.2	66.0	66.7	67.1	68.1	74.6
GE 1500	29.9	31.0	44.5	48.2	56.1	60.5	63.8	66.0	67.8	69.0	69.7	70.5	71.1	71.6	72.5	79.0
GE 1200	30.2	31.3	45.5	49.8	58.8	63.5	66.8	69.5	71.2	73.0	73.6	74.4	75.0	75.5	76.5	82.9
GE 1000	30.5	31.6	46.6	50.9	60.7	65.6	68.9	71.6	73.3	75.2	75.8	76.9	77.6	78.0	79.0	85.5
GE 900	30.5	31.6	46.8	51.0	61.1	66.2	70.1	72.8	74.6	76.6	77.3	78.5	79.1	79.6	80.6	87.0
GE 800	30.5	31.6	46.8	51.0	61.1	66.4	70.5	73.1	74.9	77.1	77.7	79.0	79.6	80.1	81.0	87.5
GE 700	30.5	31.6	46.8	51.0	61.3	66.5	70.6	73.3	75.0	77.3	77.9	79.1	79.8	80.3	81.2	87.8
GE 600	30.5	31.6	46.8	51.0	61.5	66.7	70.8	73.5	75.2	77.4	78.0	79.3	79.9	80.4	81.4	88.6
GE 500	30.5	31.6	46.8	51.0	61.6	66.8	70.9	73.9	75.7	78.0	78.8	80.1	80.7	81.2	82.1	90.0
GE 400	30.5	31.6	46.8	51.0	61.6	67.1	71.2	74.4	76.1	78.5	79.3	80.6	81.2	81.8	82.8	91.0
GE 300	30.5	31.6	46.8	51.0	61.6	67.1	71.4	74.6	76.3	78.8	79.6	80.9	81.7	82.3	83.6	93.4
GE 200	30.5	31.6	46.8	51.0	61.6	67.1	71.4	74.7	76.5	79.3	80.1	81.5	82.3	83.1	84.7	97.6
GE 100	30.5	31.6	46.8	51.0	61.6	67.1	71.4	74.7	76.5	79.3	80.1	81.5	82.3	83.1	84.7	100.0
GE 000	30.5	31.6	46.8	51.0	61.6	67.1	71.4	74.7	76.5	79.3	80.1	81.5	82.3	83.1	84.7	100.0

TOTAL NUMBER OF OBSERVATIONS 633

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: OCT HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	13.1	13.4	17.4	18.8	21.2	22.4	22.7	23.1	23.2	23.8	24.3	24.6	24.8	25.4	25.9	27.4
GE 20000	15.3	15.7	20.4	21.8	24.6	25.9	26.2	26.5	26.6	27.4	27.9	28.2	28.3	29.0	29.4	31.2
GE 18000	15.6	16.0	20.7	22.1	25.1	26.3	26.6	26.9	27.1	27.9	28.3	28.7	28.8	29.4	29.9	31.6
GE 16000	15.6	16.0	20.7	22.1	25.1	26.3	26.6	26.9	27.1	27.9	28.3	28.7	28.8	29.4	29.9	31.6
GE 14000	15.6	16.0	20.7	22.1	25.1	26.3	26.6	26.9	27.1	27.9	28.3	28.7	28.8	29.4	29.9	31.6
GE 12000	15.6	16.0	20.9	22.3	25.4	26.6	26.9	27.3	27.4	28.2	28.7	29.0	29.1	29.8	30.2	31.9
GE 10000	17.4	17.9	24.0	25.5	29.0	30.2	30.7	31.2	31.3	32.1	32.6	32.9	33.0	33.6	34.1	35.8
GE 9000	17.9	18.4	24.6	26.3	29.8	31.0	31.5	31.9	32.1	32.9	33.3	33.6	33.8	34.4	34.9	36.6
GE 8000	19.3	19.9	26.5	28.5	32.2	33.5	34.0	34.6	34.7	35.5	36.0	36.3	36.4	37.1	37.5	39.3
GE 7000	20.2	20.9	28.2	30.8	34.9	36.3	37.1	37.9	38.0	38.8	39.3	39.6	39.7	40.3	40.8	42.5
GE 6000	20.6	21.2	28.5	31.2	35.4	36.8	37.5	38.3	38.5	39.3	39.7	40.0	40.2	40.8	41.3	43.0
GE 5000	21.7	22.3	30.1	33.2	37.7	39.3	40.0	41.3	41.4	42.2	43.0	43.3	43.5	44.1	44.5	46.3
GE 4500	22.6	23.2	31.6	34.7	39.4	41.1	41.9	43.1	43.3	44.1	44.9	45.2	45.3	46.0	46.4	48.1
GE 4000	25.4	26.2	34.7	38.0	43.0	44.7	45.5	46.7	46.9	47.7	48.6	48.9	49.1	49.7	50.2	51.9
GE 3500	29.1	29.9	39.1	42.5	47.5	49.2	50.2	51.6	51.7	52.5	53.6	53.9	54.0	54.7	55.1	56.9
GE 3000	33.6	34.6	44.4	48.1	54.0	55.9	56.9	58.9	59.0	59.8	60.9	61.2	61.4	62.0	62.5	64.2
GE 2500	36.1	37.2	48.1	52.3	59.0	60.9	61.8	64.2	64.6	65.7	66.8	67.1	67.3	67.9	68.4	70.1
GE 2000	38.8	39.9	51.6	56.1	63.7	65.9	67.1	69.6	70.1	71.7	72.9	73.2	73.4	74.1	74.6	76.3
GE 1800	39.3	40.3	52.2	56.9	64.8	67.1	68.4	71.2	71.7	73.2	74.5	74.8	74.9	75.7	76.2	77.9
GE 1500	41.9	43.0	55.5	60.6	69.5	72.1	73.4	76.5	76.9	78.8	80.1	80.4	80.5	81.3	81.8	83.5
GE 1200	42.5	43.6	56.4	62.6	72.3	74.9	76.3	79.6	80.1	82.2	83.5	83.8	84.1	84.9	85.4	87.1
GE 1000	42.7	43.8	56.7	63.4	73.7	76.5	77.9	81.3	81.8	84.1	85.4	86.1	86.4	87.2	87.7	89.4
GE 900	42.7	43.8	56.7	63.4	73.8	76.6	78.2	81.9	82.4	84.7	86.0	86.8	87.1	87.9	88.3	90.0
GE 800	42.7	43.8	56.7	63.4	74.0	76.8	78.3	82.6	83.0	85.7	86.9	87.7	88.0	88.8	89.3	91.0
GE 700	42.7	43.8	56.7	63.6	74.1	76.9	78.5	82.7	83.2	85.8	87.1	87.9	88.2	88.9	89.6	91.6
GE 600	42.7	43.8	56.7	63.6	74.3	77.4	79.1	83.5	84.0	86.6	88.0	88.8	89.1	90.0	90.8	93.1
GE 500	42.7	43.8	56.7	63.6	74.6	78.0	79.8	84.1	84.7	87.5	89.1	89.9	90.2	91.3	92.1	94.4
GE 400	42.7	43.8	56.7	63.6	74.6	78.0	79.8	84.4	85.0	87.9	89.7	90.5	90.8	91.9	92.8	95.6
GE 300	42.7	43.8	56.7	63.6	74.6	78.0	79.8	84.4	85.0	88.2	90.0	91.0	91.3	92.4	93.5	97.0
GE 200	42.7	43.8	56.7	63.6	74.6	78.0	79.8	84.4	85.0	88.2	90.0	91.0	91.4	92.5	93.9	99.5
GE 100	42.7	43.8	56.7	63.6	74.6	78.0	79.8	84.4	85.0	88.2	90.0	91.0	91.4	92.5	94.1	100.0
GE 000	42.7	43.8	56.7	63.6	74.6	78.0	79.8	84.4	85.0	88.2	90.0	91.0	91.4	92.5	94.1	100.0

TOTAL NUMBER OF OBSERVATIONS 642

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: OCT HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	20.4	20.9	26.4	26.9	29.6	31.0	31.5	31.6	31.6	31.6	31.6	31.6	31.8	31.8	31.8	31.8
GE 20000	25.5	25.9	31.5	32.0	34.8	36.2	36.7	36.9	36.9	36.9	36.9	36.9	37.0	37.0	37.0	37.0
GE 18000	25.6	26.1	31.8	32.3	35.1	36.6	37.0	37.2	37.2	37.2	37.2	37.2	37.3	37.3	37.3	37.3
GE 16000	25.6	26.1	31.8	32.3	35.1	36.6	37.0	37.2	37.2	37.2	37.2	37.2	37.3	37.3	37.3	37.3
GE 14000	25.8	26.3	32.0	32.4	35.3	36.7	37.2	37.3	37.3	37.3	37.3	37.3	37.5	37.5	37.5	37.5
GE 12000	26.6	27.1	32.8	33.2	36.1	37.5	38.0	38.1	38.1	38.1	38.1	38.1	38.3	38.3	38.3	38.3
GE 10000	27.8	28.3	34.3	35.0	38.8	40.3	40.8	41.0	41.0	41.0	41.0	41.0	41.1	41.1	41.1	41.1
GE 9000	28.6	29.1	35.3	35.9	39.7	41.3	41.9	42.1	42.1	42.1	42.1	42.1	42.2	42.2	42.2	42.2
GE 8000	31.2	32.3	39.6	40.7	44.8	46.4	47.0	47.2	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3
GE 7000	31.6	32.8	40.3	41.6	46.4	47.9	48.6	48.7	48.7	48.7	48.7	48.7	48.9	48.9	48.9	48.9
GE 6000	31.6	32.8	40.3	41.6	46.4	47.9	48.6	48.7	48.7	48.7	48.7	48.7	48.9	48.9	48.9	48.9
GE 5000	32.8	34.0	42.4	44.1	49.4	50.9	51.6	51.7	51.7	51.7	51.7	51.7	51.9	51.9	51.9	51.9
GE 4500	33.7	35.0	43.7	45.6	50.8	52.4	53.0	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3
GE 4000	36.4	37.7	46.4	48.3	54.0	55.5	56.2	56.3	56.3	56.3	56.3	56.3	56.5	56.5	56.5	56.5
GE 3500	44.8	46.2	55.4	57.8	63.4	65.0	65.7	65.8	65.8	65.8	65.8	65.8	66.0	66.0	66.0	66.0
GE 3000	51.4	53.0	63.4	65.8	72.5	74.4	75.2	75.3	75.5	75.5	75.6	75.6	75.8	75.8	75.8	75.8
GE 2500	54.7	56.3	67.2	69.8	77.4	79.7	80.7	81.0	81.2	81.2	81.3	81.3	81.5	81.5	81.5	81.5
GE 2000	57.1	58.7	70.4	73.4	82.1	84.5	85.4	85.8	85.9	85.9	86.1	86.1	86.2	86.2	86.2	86.2
GE 1800	57.6	59.2	71.0	74.1	83.1	85.4	86.4	86.7	86.9	86.9	87.0	87.0	87.2	87.2	87.2	87.2
GE 1500	58.9	60.4	73.1	76.3	86.1	88.8	89.7	90.0	90.2	90.5	90.7	90.8	91.0	91.0	91.0	91.0
GE 1200	59.7	61.2	74.2	78.6	88.8	91.5	92.4	92.9	93.0	93.4	93.8	94.0	94.1	94.1	94.1	94.1
GE 1000	59.8	61.4	74.5	79.3	89.7	92.6	93.7	94.3	94.6	94.9	95.6	95.9	96.0	96.0	96.0	96.0
GE 900	60.0	61.6	74.7	79.4	90.2	93.0	94.1	95.3	95.6	95.9	96.5	96.8	97.0	97.0	97.0	97.0
GE 800	60.0	61.6	74.7	79.6	90.3	93.2	94.3	95.6	95.9	96.2	96.8	97.2	97.3	97.3	97.3	97.3
GE 700	60.0	61.6	75.0	79.9	90.7	94.0	95.1	96.5	96.8	97.2	97.8	98.1	98.6	98.6	98.6	98.6
GE 600	60.0	61.6	75.0	79.9	90.8	94.3	95.4	96.8	97.3	97.6	98.3	98.6	99.1	99.1	99.1	99.1
GE 500	60.0	61.6	75.0	79.9	91.0	94.8	95.9	97.3	97.8	98.3	98.9	99.2	99.7	99.7	99.7	99.7
GE 400	60.0	61.6	75.0	79.9	91.0	94.8	95.9	97.3	97.8	98.3	98.9	99.2	99.7	99.7	99.7	99.7
GE 300	60.0	61.6	75.0	79.9	91.0	94.8	95.9	97.3	97.8	98.3	98.9	99.2	99.7	99.7	99.8	99.8
GE 200	60.0	61.6	75.0	79.9	91.0	94.8	95.9	97.3	97.8	98.3	98.9	99.2	99.7	99.7	99.8	100.0
GE 100	60.0	61.6	75.0	79.9	91.0	94.8	95.9	97.3	97.8	98.3	98.9	99.2	99.7	99.7	99.8	100.0
GE 000	60.0	61.6	75.0	79.9	91.0	94.8	95.9	97.3	97.8	98.3	98.9	99.2	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 632

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: OCT HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	26.9	27.2	32.8	34.1	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 20000	30.6	31.0	37.2	38.7	40.5	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 18000	31.0	31.3	37.6	39.0	41.0	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 16000	31.0	31.3	37.6	39.0	41.0	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 14000	31.3	31.6	37.9	39.4	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
GE 12000	32.0	32.3	38.6	40.0	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 10000	32.3	32.6	39.4	40.9	43.8	44.0	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 9000	33.3	33.6	40.4	42.2	45.5	45.6	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 8000	36.2	36.9	43.8	45.6	49.1	49.3	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 7000	38.6	39.2	46.3	48.3	52.2	52.4	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 6000	38.7	39.4	46.5	48.4	52.4	52.6	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 5000	40.4	41.0	48.8	51.1	55.7	55.8	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 4500	42.8	43.5	52.1	54.4	59.0	59.1	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 4000	47.1	47.8	56.8	59.3	64.4	64.6	64.9	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 3500	53.9	54.9	65.1	67.7	73.3	73.5	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 3000	58.5	59.5	70.7	73.5	79.7	79.9	80.2	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 2500	60.3	61.3	73.3	76.9	83.7	84.2	84.5	84.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 2000	61.9	62.9	76.4	80.7	88.6	89.6	90.0	90.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1800	62.1	63.1	76.8	81.1	89.0	90.0	90.3	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1500	62.9	63.9	77.6	82.5	91.4	92.4	92.9	93.4	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1200	63.6	64.6	78.6	84.0	93.2	94.4	94.9	95.4	95.9	96.0	96.5	96.5	96.5	96.5	96.5	96.5
GE 1000	63.8	64.7	78.7	84.5	94.4	95.6	96.5	97.4	97.9	98.2	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	63.9	64.9	78.9	84.8	94.9	96.0	97.0	98.0	98.5	98.8	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	63.9	64.9	79.1	85.0	95.1	96.4	97.4	98.4	98.8	99.2	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	63.9	64.9	79.1	85.0	95.1	96.4	97.4	98.4	98.8	99.2	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	63.9	64.9	79.1	85.0	95.1	96.5	97.5	98.5	99.0	99.3	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	63.9	64.9	79.1	85.0	95.1	96.7	97.7	98.7	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	63.9	64.9	79.1	85.0	95.1	96.7	97.7	98.7	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	63.9	64.9	79.1	85.0	95.1	96.7	97.7	98.7	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	63.9	64.9	79.1	85.0	95.1	96.7	97.7	98.7	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	63.9	64.9	79.1	85.0	95.1	96.7	97.7	98.7	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	63.9	64.9	79.1	85.0	95.1	96.7	97.7	98.7	99.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 607

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: OCT HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	29.2	29.9	36.7	37.6	41.7	43.0	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.8	44.0	44.0
GE 20000	32.2	33.0	40.3	41.5	45.9	47.2	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.4	48.4
GE 18000	32.4	33.2	40.5	41.7	46.1	47.4	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.6	48.6
GE 16000	32.6	33.4	40.7	41.8	46.3	47.6	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.8	48.8
GE 14000	32.6	33.4	40.7	41.8	46.3	47.6	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.8	48.8
GE 12000	32.6	33.4	40.9	42.0	46.4	47.8	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.9	48.9
GE 10000	33.0	33.8	41.8	43.0	47.8	49.1	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.3	50.3
GE 9000	33.4	34.2	42.6	43.8	48.8	50.1	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.2
GE 8000	36.5	37.4	46.6	48.0	53.7	55.1	56.4	56.6	56.8	56.8	56.8	56.8	56.8	56.8	57.0	57.0
GE 7000	39.0	40.1	49.7	51.1	57.0	58.3	60.1	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.7	60.7
GE 6000	39.2	40.3	49.9	51.2	57.2	58.5	60.3	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.8	60.8
GE 5000	40.1	41.3	51.2	52.8	59.5	60.8	62.6	62.8	63.0	63.0	63.1	63.3	63.3	63.3	63.5	63.5
GE 4500	40.7	42.0	53.2	55.9	62.6	63.9	65.6	65.8	66.0	66.0	66.2	66.4	66.4	66.4	66.6	66.6
GE 4000	44.1	45.5	56.8	60.1	67.2	68.7	70.4	70.6	70.8	70.8	71.0	71.2	71.2	71.2	71.4	71.4
GE 3500	46.4	47.8	60.3	63.5	71.0	72.6	74.3	74.5	74.7	74.7	74.9	75.0	75.0	75.0	75.2	75.2
GE 3000	49.9	51.2	64.9	68.9	77.5	79.1	80.8	81.0	81.2	81.2	81.4	81.6	81.6	81.6	81.8	81.8
GE 2500	50.3	51.6	66.8	71.2	82.3	85.0	86.8	87.1	87.3	87.3	87.5	87.7	87.7	87.7	87.9	87.9
GE 2000	51.8	53.4	68.5	73.1	85.0	88.5	90.4	90.8	91.0	91.0	91.2	91.4	91.4	91.4	91.6	91.6
GE 1800	52.2	53.7	68.9	73.5	85.6	89.4	91.4	91.7	91.9	91.9	92.1	92.3	92.3	92.3	92.5	92.5
GE 1500	52.8	54.3	69.5	74.1	86.4	90.4	92.5	92.9	93.1	93.1	93.3	93.5	93.5	93.5	93.7	93.7
GE 1200	53.0	54.5	70.4	75.0	87.9	91.9	94.2	94.6	94.8	94.8	95.0	95.2	95.2	95.2	95.4	95.4
GE 1000	53.0	54.5	70.6	75.4	88.9	92.9	95.2	95.6	95.8	95.8	96.4	96.5	96.5	96.5	96.7	96.7
GE 900	53.0	54.5	70.6	75.4	88.9	93.7	96.2	96.5	96.7	96.7	97.3	97.5	97.5	97.5	97.7	97.7
GE 800	53.0	54.5	70.6	75.4	88.9	93.7	96.4	96.7	96.9	96.9	97.5	97.9	97.9	97.9	98.1	98.1
GE 700	53.0	54.5	70.6	75.4	89.1	93.9	96.7	97.1	97.3	97.3	97.9	98.3	98.3	98.3	98.5	98.5
GE 600	53.0	54.5	70.6	75.4	89.1	93.9	96.7	97.1	97.3	97.3	98.1	98.5	98.5	98.5	98.7	98.7
GE 500	53.0	54.5	70.6	75.4	89.1	94.2	97.1	97.5	97.7	97.7	98.5	99.2	99.2	99.6	99.8	99.8
GE 400	53.0	54.5	70.6	75.4	89.1	94.2	97.1	97.5	97.7	97.7	98.5	99.4	99.4	99.8	100.0	100.0
GE 300	53.0	54.5	70.6	75.4	89.1	94.2	97.1	97.5	97.7	97.7	98.5	99.4	99.4	99.8	100.0	100.0
GE 200	53.0	54.5	70.6	75.4	89.1	94.2	97.1	97.5	97.7	97.7	98.5	99.4	99.4	99.8	100.0	100.0
GE 100	53.0	54.5	70.6	75.4	89.1	94.2	97.1	97.5	97.7	97.7	98.5	99.4	99.4	99.8	100.0	100.0
GE 000	53.0	54.5	70.6	75.4	89.1	94.2	97.1	97.5	97.7	97.7	98.5	99.4	99.4	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 521

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: OCT HOURS: 21-23

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	30.3	30.9	40.8	42.1	45.4	46.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 20000	31.6	32.2	43.4	44.7	48.0	49.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 18000	31.6	32.2	43.4	44.7	48.0	49.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 16000	31.6	32.2	43.4	44.7	48.0	49.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 14000	31.6	32.2	43.4	44.7	48.0	49.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 12000	31.6	32.2	43.4	44.7	48.0	49.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 10000	32.9	33.6	44.7	46.1	49.3	50.7	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 9000	33.6	34.2	45.4	46.7	50.0	51.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 8000	34.9	35.5	47.4	48.7	52.0	53.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 7000	35.5	36.8	48.7	50.0	53.9	55.3	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 6000	35.5	36.8	48.7	50.0	53.9	55.3	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 5000	36.2	37.5	50.0	51.3	55.3	56.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 4500	36.8	38.2	51.3	55.3	59.2	60.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 4000	40.1	41.4	55.3	59.9	64.5	65.8	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 3500	40.8	42.1	57.9	63.2	68.4	69.7	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 3000	47.4	48.7	66.4	73.0	78.9	80.3	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 2500	49.3	50.7	68.4	75.0	82.9	86.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 2000	50.7	52.0	69.7	76.3	86.2	90.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1800	50.7	52.0	69.7	76.3	86.2	90.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1500	51.3	52.6	70.4	77.0	86.8	91.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1200	51.3	53.3	71.1	77.6	87.5	92.1	95.4	95.4	95.4	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1000	51.3	53.3	71.1	77.6	88.8	93.4	96.7	96.7	96.7	96.7	97.4	97.4	97.4	97.4	97.4	97.4
GE 900	51.3	53.3	71.1	77.6	88.8	93.4	96.7	96.7	96.7	96.7	97.4	97.4	97.4	97.4	97.4	97.4
GE 800	51.3	53.3	71.1	77.6	88.8	93.4	96.7	96.7	96.7	96.7	97.4	97.4	97.4	97.4	97.4	97.4
GE 700	51.3	53.3	71.1	77.6	88.8	94.1	97.4	97.4	97.4	97.4	98.0	98.0	98.0	98.0	98.0	98.0
GE 600	51.3	53.3	71.1	77.6	88.8	94.1	97.4	97.4	97.4	97.4	98.0	98.0	98.0	98.0	98.0	98.0
GE 500	51.3	53.3	71.1	77.6	88.8	94.1	97.4	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7
GE 400	51.3	53.3	71.1	77.6	88.8	94.1	97.4	98.0	98.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	51.3	53.3	71.1	77.6	88.8	94.1	97.4	98.0	98.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3
GE 200	51.3	53.3	71.1	77.6	88.8	94.1	97.4	98.0	98.0	98.0	99.3	99.3	99.3	99.3	99.3	100.0
GE 100	51.3	53.3	71.1	77.6	88.8	94.1	97.4	98.0	98.0	98.0	99.3	99.3	99.3	99.3	99.3	100.0
GE 000	51.3	53.3	71.1	77.6	88.8	94.1	97.4	98.0	98.0	98.0	99.3	99.3	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 152

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	20.3	20.7	26.1	27.1	29.4	30.4	31.0	31.2	31.4	31.8	31.9	31.9	32.1	32.3	32.5	34.0
GE 20000	23.3	23.7	29.5	30.6	33.3	34.3	34.9	35.1	35.4	35.7	35.8	35.9	36.1	36.2	36.5	38.0
GE 18000	23.5	23.9	29.8	30.9	33.6	34.6	35.2	35.5	35.7	36.1	36.2	36.2	36.4	36.6	36.8	38.4
GE 16000	23.5	24.0	29.8	30.9	33.6	34.7	35.3	35.5	35.7	36.1	36.2	36.3	36.4	36.6	36.8	38.4
GE 14000	23.7	24.1	30.0	31.1	33.8	34.8	35.4	35.7	35.9	36.3	36.4	36.4	36.6	36.8	37.0	38.6
GE 12000	24.0	24.4	30.3	31.4	34.2	35.2	35.8	36.1	36.3	36.7	36.8	36.8	37.0	37.2	37.4	39.0
GE 10000	24.9	25.4	31.9	33.1	36.4	37.5	38.2	38.5	38.8	39.1	39.2	39.3	39.4	39.6	39.8	41.4
GE 9000	25.6	26.1	32.8	34.1	37.5	38.7	39.4	39.8	40.0	40.4	40.5	40.6	40.7	40.9	41.1	42.7
GE 8000	27.9	28.6	36.1	37.6	41.4	42.6	43.5	43.9	44.2	44.6	44.7	44.8	44.9	45.2	45.4	47.0
GE 7000	29.1	29.9	37.9	39.7	43.9	45.2	46.2	46.6	47.0	47.3	47.4	47.5	47.7	47.9	48.1	49.7
GE 6000	29.3	30.1	38.0	39.8	44.1	45.4	46.4	46.8	47.2	47.5	47.6	47.7	47.9	48.1	48.3	49.9
GE 5000	30.6	31.3	39.8	41.9	46.6	47.9	48.9	49.5	49.8	50.2	50.4	50.5	50.7	50.9	51.1	52.7
GE 4500	31.7	32.5	41.5	44.0	48.9	50.2	51.3	51.8	52.2	52.6	52.7	52.9	53.0	53.2	53.5	55.1
GE 4000	34.6	35.5	44.8	47.5	52.7	54.1	55.3	55.8	56.2	56.6	56.8	56.9	57.1	57.3	57.5	59.1
GE 3500	39.1	40.1	50.4	53.3	58.8	60.2	61.5	62.1	62.5	62.8	63.1	63.2	63.4	63.6	63.9	65.5
GE 3000	43.6	44.7	56.1	59.3	65.8	67.4	68.7	69.5	70.0	70.4	70.7	70.9	71.0	71.3	71.5	73.1
GE 2500	45.4	46.6	58.8	62.4	70.1	72.2	73.5	74.6	75.1	75.6	76.0	76.2	76.4	76.7	76.9	78.5
GE 2000	47.6	48.9	61.9	65.9	74.5	77.0	78.5	79.6	80.2	80.8	81.2	81.5	81.6	81.9	82.2	83.8
GE 1800	47.9	49.2	62.3	66.4	75.2	77.8	79.4	80.5	81.1	81.7	82.1	82.4	82.6	82.8	83.1	84.8
GE 1500	49.1	50.4	64.0	68.4	77.9	80.9	82.5	83.9	84.5	85.2	85.6	85.9	86.1	86.4	86.7	88.3
GE 1200	49.6	50.9	65.0	70.1	80.1	83.2	85.0	86.4	87.0	87.9	88.5	88.8	89.0	89.3	89.6	91.2
GE 1000	49.8	51.1	65.4	70.7	81.4	84.6	86.5	88.1	88.7	89.7	90.4	90.9	91.1	91.3	91.7	93.3
GE 900	49.8	51.1	65.5	70.9	81.7	85.1	87.2	88.9	89.6	90.6	91.3	91.8	92.0	92.2	92.6	94.2
GE 800	49.8	51.1	65.5	70.9	81.8	85.3	87.4	89.3	89.9	91.0	91.7	92.2	92.5	92.7	93.0	94.7
GE 700	49.8	51.1	65.6	71.0	82.0	85.5	87.7	89.6	90.2	91.3	92.1	92.6	92.9	93.1	93.5	95.2
GE 600	49.8	51.1	65.6	71.0	82.1	85.8	88.0	89.9	90.6	91.7	92.4	93.0	93.3	93.5	93.9	95.8
GE 500	49.8	51.1	65.6	71.0	82.2	86.1	88.3	90.3	91.0	92.2	93.1	93.7	93.9	94.3	94.7	96.7
GE 400	49.8	51.1	65.6	71.0	82.2	86.2	88.4	90.5	91.2	92.4	93.3	93.9	94.2	94.6	95.0	97.2
GE 300	49.8	51.1	65.6	71.0	82.2	86.2	88.4	90.5	91.2	92.5	93.4	94.1	94.4	94.8	95.4	98.0
GE 200	49.8	51.1	65.6	71.0	82.2	86.2	88.4	90.6	91.2	92.6	93.5	94.2	94.6	95.0	95.7	99.4
GE 100	49.8	51.1	65.6	71.0	82.2	86.2	88.4	90.6	91.2	92.6	93.5	94.2	94.6	95.0	95.7	100.0
GE 000	49.8	51.1	65.6	71.0	82.2	86.2	88.4	90.6	91.2	92.6	93.5	94.2	94.6	95.0	95.7	100.0

TOTAL NUMBER OF OBSERVATIONS 3187

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: NOV HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	11.5	11.8	14.0	15.0	18.5	19.5	19.7	20.5	21.2	21.7	22.1	22.1	22.2	22.2	22.2	24.8
GE 20000	12.5	12.8	15.0	16.1	19.5	20.7	20.9	21.7	22.4	22.9	23.2	23.2	23.4	23.4	23.4	26.0
GE 18000	12.5	12.8	15.0	16.1	19.5	20.7	20.9	21.7	22.4	22.9	23.2	23.2	23.4	23.4	23.4	26.0
GE 16000	12.5	12.8	15.0	16.1	19.5	20.7	20.9	21.7	22.4	22.9	23.2	23.2	23.4	23.4	23.4	26.0
GE 14000	12.5	12.8	15.0	16.1	19.5	20.7	20.9	21.7	22.4	22.9	23.2	23.2	23.4	23.4	23.4	26.0
GE 12000	12.8	13.2	15.6	16.6	20.0	21.2	21.4	22.2	22.9	23.4	23.8	23.8	24.1	24.1	24.1	26.7
GE 10000	13.3	13.7	16.1	17.3	21.2	22.6	22.9	23.8	24.4	25.0	25.5	25.5	25.8	25.8	25.8	28.4
GE 9000	14.4	15.0	17.4	18.6	22.6	23.9	24.3	25.3	26.0	26.5	27.0	27.0	27.5	27.5	27.5	30.1
GE 8000	15.6	16.2	19.1	20.5	24.4	25.8	26.2	27.4	28.0	28.5	29.1	29.1	29.7	29.7	29.9	32.5
GE 7000	16.2	16.9	19.8	21.5	25.8	27.4	27.7	28.9	29.6	30.1	30.6	30.6	31.3	31.3	31.5	34.0
GE 6000	16.2	16.9	19.8	21.5	25.8	27.4	27.7	28.9	29.6	30.1	30.6	30.6	31.3	31.3	31.5	34.0
GE 5000	16.8	17.4	20.5	22.4	26.7	28.2	28.5	29.7	30.4	30.9	31.5	31.5	32.1	32.1	32.3	34.9
GE 4500	17.4	18.1	21.4	23.4	27.9	29.4	29.7	30.9	31.6	32.1	32.6	32.6	33.3	33.3	33.5	36.1
GE 4000	19.8	20.7	26.0	28.4	33.3	34.9	35.6	36.8	37.6	38.1	38.6	38.6	39.3	39.3	39.5	42.6
GE 3500	23.4	24.3	30.3	32.6	39.1	41.2	42.1	43.4	44.3	44.8	45.3	45.3	46.0	46.0	46.2	49.2
GE 3000	25.3	26.5	34.2	37.1	44.1	46.7	47.7	49.4	50.4	50.9	51.5	51.5	52.1	52.1	52.3	55.4
GE 2500	27.5	28.7	37.8	41.2	48.7	52.0	53.2	55.0	56.1	56.6	57.1	57.1	57.8	57.8	57.9	61.0
GE 2000	29.4	30.6	40.5	44.8	53.0	56.2	57.6	59.8	61.0	61.5	62.1	62.1	62.7	62.7	62.9	66.0
GE 1800	29.7	31.1	41.5	46.0	55.2	58.5	60.0	62.6	63.8	64.3	64.8	64.8	65.5	65.5	65.6	68.7
GE 1500	31.3	32.8	43.6	48.0	59.3	63.1	64.8	68.2	69.7	70.6	71.1	71.1	71.8	72.0	72.1	75.2
GE 1200	31.6	33.5	45.0	49.7	61.9	66.0	68.0	71.6	73.2	74.0	74.5	74.5	75.2	75.6	75.7	78.8
GE 1000	31.6	33.5	45.0	50.1	63.6	68.5	70.6	74.9	76.6	77.4	78.1	78.3	79.1	79.5	79.7	82.7
GE 900	32.1	34.0	46.0	51.1	65.0	70.1	72.1	76.4	78.1	79.0	79.7	79.8	80.7	81.0	81.2	84.3
GE 800	32.1	34.0	46.2	51.3	65.8	71.1	73.5	77.9	79.8	80.7	81.5	81.9	82.7	83.2	83.4	86.5
GE 700	32.1	34.0	46.3	51.5	66.7	72.3	75.2	80.0	81.9	82.7	83.6	83.9	84.8	85.3	85.5	88.5
GE 600	32.1	34.0	46.3	51.5	67.2	72.8	76.1	81.2	83.2	84.1	85.0	85.3	86.2	86.7	86.8	89.9
GE 500	32.1	34.0	46.3	51.5	67.5	73.2	76.4	81.9	84.3	85.3	86.2	86.5	87.4	88.0	88.2	91.3
GE 400	32.1	34.0	46.3	51.5	67.7	73.3	76.6	82.1	84.4	85.5	86.3	86.7	87.5	88.4	88.5	92.0
GE 300	32.1	34.0	46.3	51.5	67.7	73.3	76.6	82.2	84.8	85.8	86.8	87.2	88.0	88.9	89.1	93.0
GE 200	32.1	34.0	46.3	51.5	67.7	73.3	76.6	82.2	84.8	85.8	86.8	87.4	88.2	89.2	89.4	94.9
GE 100	32.1	34.0	46.3	51.5	67.7	73.3	76.6	82.2	84.8	86.2	87.4	87.9	88.9	89.9	90.1	99.5
GE 000	32.1	34.0	46.3	51.5	67.7	73.3	76.6	82.2	84.8	86.2	87.4	87.9	88.9	89.9	90.1	100.0

TOTAL NUMBER OF OBSERVATIONS 585

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: NOV HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	9.9	10.3	12.6	14.1	16.8	17.7	17.8	18.4	18.5	18.7	19.2	19.2	19.2	19.4	20.2	21.5
GE 20000	11.3	11.6	14.1	15.7	18.7	19.5	19.9	20.4	20.5	20.9	21.4	21.4	21.4	21.5	22.4	23.7
GE 18000	11.4	11.8	14.3	15.8	18.9	19.7	20.0	20.5	20.7	21.0	21.5	21.5	21.5	21.7	22.6	23.9
GE 16000	11.6	12.0	14.5	16.0	19.0	19.9	20.2	20.7	20.9	21.2	21.7	21.7	21.7	21.9	22.7	24.1
GE 14000	11.8	12.1	14.6	16.3	19.7	20.5	20.9	21.4	21.5	21.9	22.4	22.4	22.4	22.6	23.4	24.7
GE 12000	12.6	13.1	15.7	17.3	20.9	21.7	22.1	22.6	22.7	23.1	23.6	23.6	23.6	23.7	24.6	25.9
GE 10000	13.1	13.8	16.3	18.4	22.7	23.6	23.9	24.4	24.6	24.9	25.4	25.4	25.4	25.6	26.4	27.8
GE 9000	13.3	14.0	16.5	18.5	22.9	23.9	24.2	24.7	25.1	25.4	25.9	25.9	25.9	26.1	26.9	28.3
GE 8000	14.5	15.7	18.5	20.5	25.1	26.3	26.6	27.1	27.9	28.3	29.0	29.0	29.0	29.1	30.0	31.5
GE 7000	15.3	16.5	19.9	21.9	26.8	27.9	28.3	28.8	29.6	30.0	30.6	30.6	30.6	30.8	31.6	33.2
GE 6000	15.5	16.7	20.0	22.1	26.9	28.1	28.5	29.0	29.8	30.1	30.8	30.8	30.8	31.0	31.8	33.3
GE 5000	16.2	17.3	20.9	23.1	28.1	29.3	29.6	30.1	31.0	31.3	32.0	32.0	32.0	32.2	33.0	34.5
GE 4500	16.5	17.7	22.4	24.6	29.6	30.8	31.1	31.6	32.5	33.0	33.7	33.7	33.7	33.8	34.7	36.2
GE 4000	19.0	20.5	26.3	28.8	34.7	36.0	36.7	37.2	38.2	38.9	39.6	39.6	39.6	39.7	40.7	42.4
GE 3500	21.4	25.1	31.1	34.0	40.6	41.9	42.9	43.4	44.4	45.1	45.8	45.8	45.8	46.0	47.0	48.7
GE 3000	25.8	28.5	35.4	39.2	46.8	48.5	49.5	50.2	51.2	52.2	52.9	52.9	52.9	53.0	54.0	55.7
GE 2500	28.6	30.6	39.2	42.9	51.5	53.5	54.5	55.7	56.7	57.7	58.4	58.4	58.4	58.6	59.6	61.3
GE 2000	30.5	32.5	42.6	47.5	57.1	59.3	60.4	62.5	63.5	64.5	65.2	65.2	65.3	65.5	66.5	68.2
GE 1800	30.8	32.8	43.1	48.3	58.1	60.4	61.6	63.6	64.6	65.7	66.3	66.3	66.5	66.7	67.7	69.4
GE 1500	31.8	33.8	44.9	50.5	62.1	64.5	65.8	68.7	69.9	71.0	71.7	71.7	71.9	72.1	73.1	74.7
GE 1200	33.0	35.0	46.5	52.9	66.0	68.5	70.0	73.2	74.6	75.8	76.6	76.6	76.8	76.9	77.9	79.6
GE 1000	33.2	35.2	47.1	54.2	69.4	72.1	73.7	77.6	79.1	80.6	81.5	81.5	81.6	81.8	82.8	84.5
GE 900	33.3	35.4	47.3	54.9	70.4	73.4	75.1	79.0	80.5	82.0	82.8	82.8	83.0	83.2	84.2	85.9
GE 800	33.5	35.5	47.5	55.1	71.2	74.7	76.9	80.8	82.5	84.5	85.4	85.4	85.5	85.7	86.7	88.4
GE 700	33.5	35.5	47.5	55.1	72.2	76.4	78.8	82.8	84.7	86.7	87.5	87.5	87.7	87.9	88.9	90.6
GE 600	33.5	35.5	47.5	55.1	72.4	76.6	79.0	83.3	85.2	87.2	88.4	88.4	88.6	88.7	89.7	91.4
GE 500	33.5	35.5	47.5	55.1	72.4	76.6	79.0	83.8	85.7	87.7	89.1	89.4	89.7	90.2	91.4	93.1
GE 400	33.5	35.5	47.5	55.1	72.4	76.6	79.0	83.8	85.9	88.0	89.4	89.7	90.1	90.6	91.8	93.9
GE 300	33.5	35.5	47.5	55.1	72.4	76.6	79.0	83.8	85.9	88.0	89.6	89.9	90.2	90.7	91.9	95.3
GE 200	33.5	35.5	47.5	55.1	72.4	76.6	79.0	83.8	85.9	88.0	89.7	90.1	90.4	91.1	92.3	96.5
GE 100	33.5	35.5	47.5	55.1	72.4	76.6	79.0	84.0	86.0	88.2	89.9	90.2	90.6	91.4	92.6	99.8
GE 000	33.5	35.5	47.5	55.1	72.4	76.6	79.0	84.0	86.0	88.2	89.9	90.2	90.6	91.4	92.6	100.0

TOTAL NUMBER OF OBSERVATIONS 594

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: NOV HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	12.3	12.6	17.1	18.6	22.0	22.5	22.7	22.9	23.0	23.2	23.2	23.2	23.4	23.5	23.5	23.9
GE 20000	14.2	14.5	19.5	21.3	25.3	25.8	25.9	26.1	26.3	26.5	26.5	26.5	26.6	26.8	26.8	27.1
GE 18000	14.3	14.7	19.6	21.5	25.4	26.1	26.3	26.5	26.6	26.8	26.8	26.8	27.0	27.1	27.1	27.5
GE 16000	14.3	14.7	19.6	21.5	25.4	26.1	26.3	26.5	26.6	26.8	26.8	26.8	27.0	27.1	27.1	27.5
GE 14000	14.3	14.8	20.1	22.2	26.1	26.8	27.0	27.1	27.3	27.5	27.5	27.5	27.6	27.8	27.8	28.2
GE 12000	15.0	15.5	20.8	22.9	26.8	27.5	27.6	27.8	28.0	28.2	28.2	28.2	28.3	28.5	28.5	28.8
GE 10000	16.0	16.6	22.2	24.7	28.8	29.5	29.7	29.9	30.0	30.2	30.2	30.2	30.4	30.5	30.5	30.9
GE 9000	16.6	17.1	22.7	25.4	29.9	30.5	30.7	31.1	31.4	31.6	31.6	31.6	31.7	31.9	31.9	32.3
GE 8000	17.9	18.8	25.3	28.2	32.9	33.6	34.0	34.8	35.3	35.5	35.5	35.5	35.7	35.8	35.8	36.2
GE 7000	19.5	20.3	26.8	29.7	34.6	35.5	35.8	36.7	37.2	37.4	37.4	37.4	37.5	37.7	37.7	38.1
GE 6000	19.6	20.5	27.0	29.9	34.8	35.7	36.0	36.9	37.4	37.5	37.5	37.5	37.7	37.9	37.9	38.2
GE 5000	21.5	22.4	29.7	32.6	37.9	38.9	39.2	40.1	40.6	40.8	40.8	40.8	41.0	41.1	41.1	41.5
GE 4500	23.0	24.1	31.6	34.6	40.1	41.1	41.5	42.3	42.8	43.0	43.0	43.0	43.2	43.3	43.3	43.7
GE 4000	27.1	28.2	36.7	39.9	45.6	46.6	46.9	47.8	48.3	48.5	48.5	48.5	48.6	48.8	48.8	49.1
GE 3500	31.7	32.9	42.8	46.9	52.9	54.1	54.6	55.6	56.1	56.3	56.3	56.3	56.5	56.7	56.7	57.0
GE 3000	37.9	39.6	51.2	56.0	64.3	65.5	66.0	67.6	68.1	68.6	68.6	68.6	68.8	68.9	68.9	69.3
GE 2500	40.1	41.8	54.1	59.4	68.3	69.8	70.3	71.8	72.4	72.9	72.9	72.9	73.0	73.2	73.2	73.5
GE 2000	41.6	43.3	57.0	62.6	72.2	74.1	74.6	76.3	77.0	77.6	77.6	77.6	77.8	78.0	78.0	78.3
GE 1800	42.0	43.7	57.3	63.0	72.7	74.6	75.1	76.8	77.5	78.2	78.2	78.2	78.3	78.5	78.5	78.8
GE 1500	42.5	44.2	58.5	64.5	75.1	77.3	78.3	80.4	81.6	82.8	82.8	82.8	82.9	83.1	83.1	83.4
GE 1200	43.5	45.2	60.9	67.9	79.5	82.3	83.4	85.7	86.9	88.1	88.1	88.1	88.2	88.4	88.4	88.7
GE 1000	43.9	45.6	61.8	68.9	80.9	83.6	85.0	87.7	88.9	90.1	90.1	90.1	90.3	90.4	90.4	91.0
GE 900	44.0	45.7	62.1	69.5	81.7	84.5	85.8	88.6	89.8	91.0	91.0	91.0	91.1	91.5	91.5	92.0
GE 800	44.0	45.7	62.3	69.8	82.4	85.3	87.4	90.3	91.5	93.0	93.0	93.0	93.2	93.5	93.5	94.0
GE 700	44.0	45.7	62.3	69.8	82.6	85.8	88.2	91.6	92.8	94.9	94.9	94.9	95.1	95.4	95.4	95.9
GE 600	44.0	45.7	62.5	70.0	82.8	86.0	88.4	92.2	93.3	95.4	95.4	95.4	95.6	95.9	95.9	96.4
GE 500	44.0	45.7	62.5	70.0	82.9	86.3	88.9	93.0	94.2	96.2	96.2	96.6	96.8	97.1	97.1	97.6
GE 400	44.0	45.7	62.5	70.0	82.9	86.3	89.1	93.2	94.4	96.4	96.4	96.9	97.1	97.4	97.4	98.5
GE 300	44.0	45.7	62.5	70.0	82.9	86.3	89.1	93.2	94.4	96.4	96.6	97.1	97.3	97.8	97.8	99.3
GE 200	44.0	45.7	62.5	70.0	82.9	86.3	89.1	93.2	94.4	96.4	96.6	97.1	97.3	97.8	97.8	99.3
GE 100	44.0	45.7	62.5	70.0	82.9	86.3	89.1	93.2	94.4	96.4	96.6	97.1	97.3	97.8	97.8	100.0
GE 000	44.0	45.7	62.5	70.0	82.9	86.3	89.1	93.2	94.4	96.4	96.6	97.1	97.3	97.8	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 586

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	17.6	18.0	24.2	25.3	27.9	28.1	28.3	28.5	28.5	28.8	28.8	28.8	28.8	28.8	29.0	29.0
GE 20000	19.8	20.1	26.9	28.5	31.5	31.7	31.9	32.0	32.0	32.6	32.6	32.6	32.6	32.6	32.7	32.7
GE 18000	20.6	21.0	27.8	29.4	32.4	32.6	32.7	32.9	32.9	33.5	33.5	33.5	33.5	33.5	33.6	33.6
GE 16000	20.6	21.0	27.8	29.4	32.4	32.6	32.7	32.9	32.9	33.5	33.5	33.5	33.5	33.5	33.6	33.6
GE 14000	20.8	21.2	27.9	29.5	32.6	32.7	32.9	33.1	33.1	33.6	33.6	33.6	33.6	33.6	33.8	33.8
GE 12000	21.0	21.4	28.3	29.9	33.1	33.3	33.5	33.6	33.6	34.2	34.2	34.2	34.2	34.2	34.3	34.3
GE 10000	22.8	23.1	31.5	33.1	35.7	37.0	37.2	37.4	37.4	37.9	37.9	37.9	37.9	37.9	38.1	38.1
GE 9000	24.0	24.4	32.7	34.7	37.9	38.3	38.4	38.6	38.6	39.1	39.1	39.1	39.1	39.1	39.3	39.3
GE 8000	25.6	26.0	34.9	36.7	40.7	41.3	41.8	42.3	42.3	43.2	43.2	43.2	43.2	43.2	43.4	43.4
GE 7000	26.9	27.2	36.5	38.7	42.7	43.2	44.0	44.5	44.5	45.4	45.4	45.4	45.4	45.4	45.6	45.6
GE 6000	27.4	27.8	37.6	39.1	43.4	44.0	44.7	45.2	45.2	46.1	46.1	46.1	46.1	46.1	46.3	46.3
GE 5000	28.6	29.0	38.8	40.9	45.4	45.9	46.6	47.2	47.2	48.0	48.0	48.0	48.0	48.0	48.2	48.2
GE 4500	30.2	30.7	40.6	42.7	47.5	48.0	48.8	49.3	49.3	50.2	50.2	50.2	50.2	50.2	50.4	50.4
GE 4000	34.9	35.2	46.4	48.8	53.9	54.4	55.2	55.7	55.7	56.6	56.6	56.6	56.6	56.6	56.8	56.8
GE 3500	37.5	38.1	50.9	53.7	59.1	59.6	60.3	60.9	60.9	61.7	61.7	61.7	61.7	61.7	61.9	61.9
GE 3000	43.8	44.3	59.3	62.5	69.6	70.3	71.5	72.1	72.1	73.1	73.1	73.1	73.1	73.1	73.3	73.3
GE 2500	46.3	46.8	63.2	66.5	74.6	76.0	77.4	78.1	78.1	79.2	79.2	79.2	79.2	79.2	79.4	79.4
GE 2000	48.4	48.9	66.2	69.8	78.3	80.2	81.7	82.6	82.9	84.3	84.3	84.3	84.3	84.3	84.5	84.5
GE 1800	48.4	48.9	66.2	69.8	78.3	80.2	81.9	82.7	83.1	84.5	84.5	84.5	84.5	84.5	84.7	84.7
GE 1500	48.9	49.5	69.2	73.0	81.9	83.8	85.6	86.8	87.2	88.6	88.6	88.6	88.6	88.6	88.8	88.8
GE 1200	49.1	49.8	70.3	74.4	83.6	85.6	87.5	89.1	89.7	92.0	92.0	92.0	92.0	92.0	92.2	92.2
GE 1000	49.1	49.8	70.3	74.6	84.2	86.1	88.1	89.9	90.4	93.4	93.4	93.4	93.4	93.4	93.6	93.6
GE 900	49.1	49.8	70.3	74.6	84.3	86.3	88.3	90.2	90.7	93.8	93.8	93.8	93.8	93.8	94.0	94.0
GE 800	49.1	49.8	70.3	74.7	85.1	87.2	89.1	91.1	91.6	94.7	94.8	95.0	95.0	95.2	95.4	95.4
GE 700	49.1	49.8	70.3	74.7	85.2	87.5	89.5	92.2	92.7	96.3	96.4	96.6	96.6	96.8	97.0	97.0
GE 600	49.1	49.8	70.3	74.7	85.4	87.7	89.7	92.7	93.2	96.8	97.0	97.2	97.2	97.5	97.7	97.7
GE 500	49.1	49.8	70.3	74.7	85.4	87.7	89.7	93.1	93.6	97.3	97.7	97.9	97.9	98.2	98.4	98.4
GE 400	49.1	49.8	70.3	74.7	85.4	87.7	89.7	93.1	93.6	97.5	98.2	98.4	98.4	98.8	98.9	98.9
GE 300	49.1	49.8	70.3	74.7	85.4	87.7	89.7	93.1	93.6	97.7	98.8	99.1	99.1	99.5	99.6	99.6
GE 200	49.1	49.8	70.3	74.7	85.4	87.7	89.7	93.1	93.6	97.7	98.8	99.1	99.1	99.5	99.6	100.0
GE 100	49.1	49.8	70.3	74.7	85.4	87.7	89.7	93.1	93.6	97.7	98.8	99.1	99.1	99.5	99.6	100.0
GE 000	49.1	49.8	70.3	74.7	85.4	87.7	89.7	93.1	93.6	97.7	98.8	99.1	99.1	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 562

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: NOV HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	17.7	18.7	25.6	27.8	33.6	34.4	34.6	34.8	35.0	35.2	35.2	35.4	35.4	35.8	35.8	36.0
GE 20000	18.9	19.9	27.2	29.8	35.6	36.4	36.6	36.8	37.0	37.2	37.2	37.4	37.4	37.8	37.8	38.6
GE 18000	19.1	20.1	27.4	30.0	35.8	36.6	36.8	37.0	37.2	37.4	37.4	37.6	37.6	38.0	38.0	38.8
GE 16000	19.1	20.1	27.4	30.0	35.8	36.6	36.8	37.0	37.2	37.4	37.4	37.6	37.6	38.0	38.0	38.8
GE 14000	19.1	20.1	27.4	30.0	35.8	36.6	36.8	37.0	37.2	37.4	37.4	37.6	37.6	38.0	38.0	38.8
GE 12000	19.3	20.3	27.6	30.2	37.0	37.8	38.0	38.2	38.4	38.6	38.6	38.8	38.8	39.4	39.4	40.2
GE 10000	20.3	21.3	29.4	32.4	39.2	40.0	40.4	40.6	40.8	41.0	41.0	41.2	41.2	41.9	41.9	42.7
GE 9000	21.1	22.1	30.6	34.0	40.8	41.6	42.1	42.3	42.5	42.7	42.7	42.9	42.9	43.5	43.5	44.3
GE 8000	22.9	23.9	32.4	36.0	43.1	44.3	44.7	45.5	45.7	45.9	45.9	46.1	46.1	46.7	46.7	47.5
GE 7000	23.7	24.7	33.4	37.0	44.1	45.7	46.5	47.3	47.5	47.7	47.7	47.9	47.9	48.5	48.5	49.3
GE 6000	23.7	24.7	33.4	37.0	44.1	45.7	46.5	47.3	47.5	47.7	47.7	47.9	47.9	48.5	48.5	49.3
GE 5000	24.5	25.6	34.6	38.2	45.5	47.1	47.9	48.7	48.9	49.1	49.1	49.3	49.3	49.9	49.9	50.7
GE 4500	25.4	26.4	36.4	40.2	47.7	49.3	50.1	50.9	51.1	51.3	51.3	51.5	51.5	52.1	52.1	52.9
GE 4000	28.0	29.0	40.2	44.5	52.3	53.9	54.9	55.7	55.9	56.1	56.1	56.3	56.3	56.9	56.9	57.7
GE 3500	29.4	30.6	42.7	46.9	55.1	56.7	57.9	58.8	59.0	59.2	59.2	59.4	59.4	60.0	60.0	60.8
GE 3000	32.8	34.4	49.5	53.9	64.4	66.2	67.6	68.4	68.6	68.8	68.8	69.0	69.0	69.6	69.6	70.4
GE 2500	34.2	35.8	52.7	57.3	68.8	71.0	72.6	73.6	73.8	74.0	74.0	74.2	74.2	74.8	74.8	75.7
GE 2000	35.4	37.2	55.5	60.2	73.8	77.3	79.3	80.7	80.9	81.3	81.3	81.5	81.5	82.1	82.1	82.9
GE 1800	35.4	37.2	55.5	60.2	73.8	77.7	79.9	81.3	81.5	82.1	82.1	82.3	82.3	82.9	82.9	83.7
GE 1500	36.0	37.8	57.3	62.2	77.3	81.1	84.1	85.5	85.7	86.5	86.7	86.9	86.9	87.5	87.5	88.3
GE 1200	36.8	38.6	58.4	63.6	79.9	84.1	87.1	88.5	89.5	90.3	91.1	91.3	91.3	92.0	92.0	92.8
GE 1000	36.8	38.6	58.4	64.0	81.1	85.3	88.3	89.7	90.7	92.0	93.0	93.2	93.2	93.8	93.8	94.6
GE 900	36.8	38.6	58.4	64.0	81.1	85.3	88.5	89.9	90.9	92.2	93.4	93.6	93.6	94.2	94.2	95.0
GE 800	36.8	38.6	58.4	64.0	81.1	85.5	88.7	90.1	91.1	92.6	93.8	94.0	94.0	94.6	94.6	95.4
GE 700	36.8	38.6	58.4	64.0	81.5	86.1	89.3	90.9	92.0	93.4	94.6	94.8	94.8	95.4	95.4	96.2
GE 600	36.8	38.6	58.4	64.0	81.5	86.3	89.7	91.3	92.6	94.0	95.2	95.4	95.4	96.0	96.0	96.8
GE 500	36.8	38.6	58.4	64.0	81.5	86.5	90.1	91.8	93.0	94.4	95.6	95.8	95.8	96.4	96.4	97.2
GE 400	36.8	38.6	58.4	64.0	81.5	86.5	90.1	91.8	93.0	94.4	95.6	95.8	95.8	96.4	96.4	97.2
GE 300	36.8	38.6	58.4	64.0	81.5	86.5	90.1	91.8	93.2	94.8	96.2	96.4	96.4	97.0	97.0	97.8
GE 200	36.8	38.6	58.4	64.0	81.5	86.5	90.1	91.8	93.2	94.8	96.4	97.2	97.2	97.8	97.8	99.2
GE 100	36.8	38.6	58.4	64.0	81.5	86.5	90.1	91.8	93.2	95.0	96.8	97.6	97.6	98.4	98.4	99.8
GE 000	36.8	38.6	58.4	64.0	81.5	86.5	90.1	91.8	93.2	95.0	96.8	97.6	97.6	98.4	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 497

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: NOV HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	20.5	21.2	28.8	29.5	34.8	34.8	35.6	37.1	37.9	37.9	38.6	38.6	38.6	40.2	40.2	40.9
GE 20000	22.0	22.7	30.3	31.8	37.9	37.9	38.6	40.2	40.9	40.9	41.7	41.7	41.7	43.2	43.2	43.9
GE 18000	22.7	23.5	31.1	32.6	38.6	38.6	39.4	40.9	41.7	41.7	42.4	42.4	42.4	43.9	43.9	44.7
GE 16000	22.7	23.5	31.1	32.6	38.6	38.6	39.4	40.9	41.7	41.7	42.4	42.4	42.4	43.9	43.9	44.7
GE 14000	22.7	23.5	31.1	32.6	38.6	38.6	39.4	40.9	41.7	41.7	42.4	42.4	42.4	43.9	43.9	44.7
GE 12000	22.7	23.5	31.1	33.3	39.4	39.4	40.2	41.7	42.4	42.4	43.2	43.2	43.9	45.5	45.5	46.2
GE 10000	23.5	25.0	32.6	34.8	40.9	40.9	41.7	43.2	44.7	44.7	45.5	45.5	46.2	47.7	47.7	48.5
GE 9000	23.5	25.0	32.6	34.8	41.7	41.7	42.4	43.9	45.5	45.5	46.2	46.2	47.0	48.5	48.5	49.2
GE 8000	25.0	26.5	34.1	36.4	43.2	43.2	43.9	45.5	47.0	47.0	47.7	47.7	48.5	50.0	50.0	50.8
GE 7000	25.0	26.5	34.1	36.4	43.2	43.2	43.9	45.5	47.0	47.0	47.7	47.7	48.5	50.0	50.0	50.8
GE 6000	25.0	26.5	34.1	36.4	43.2	43.2	43.9	45.5	47.0	47.0	47.7	47.7	48.5	50.0	50.0	50.8
GE 5000	27.3	28.8	36.4	38.6	45.5	45.5	46.2	47.7	49.2	49.2	50.0	50.0	50.8	52.3	52.3	53.0
GE 4500	30.3	31.8	40.9	43.2	50.0	50.0	50.8	52.3	53.8	53.8	54.5	54.5	55.3	56.8	56.8	57.6
GE 4000	31.8	33.3	42.4	44.7	51.5	51.5	52.3	53.8	55.3	55.3	56.1	56.1	56.8	58.3	58.3	59.1
GE 3500	31.8	33.3	43.2	45.5	53.0	53.0	53.8	55.3	56.8	56.8	57.6	57.6	58.3	59.8	59.8	60.6
GE 3000	36.4	37.9	50.8	53.8	62.9	62.9	63.6	65.2	66.7	66.7	68.2	68.2	68.9	70.5	70.5	71.2
GE 2500	39.4	40.9	55.3	59.1	70.5	70.5	71.2	72.7	74.2	74.2	75.8	75.8	76.5	78.0	78.0	78.8
GE 2000	40.9	43.2	59.8	63.6	75.8	76.5	77.3	78.8	80.3	80.3	81.8	81.8	82.6	84.1	84.1	84.8
GE 1800	40.9	43.2	59.8	63.6	75.8	76.5	77.3	78.8	80.3	80.3	81.8	81.8	82.6	84.1	84.1	84.8
GE 1500	42.4	44.7	62.1	65.9	79.5	80.3	81.1	83.3	84.8	84.8	86.4	86.4	87.1	88.6	88.6	89.4
GE 1200	42.4	44.7	62.9	68.9	83.3	84.1	84.8	87.1	88.6	88.6	90.2	90.2	90.9	92.4	92.4	93.2
GE 1000	42.4	44.7	62.9	70.5	85.6	86.4	87.1	90.2	91.7	91.7	93.2	93.2	93.9	95.5	95.5	96.2
GE 900	42.4	44.7	62.9	70.5	85.6	86.4	87.1	90.2	91.7	91.7	93.2	93.2	93.9	95.5	95.5	96.2
GE 800	42.4	44.7	62.9	70.5	85.6	87.1	87.9	90.9	92.4	92.4	93.9	93.9	94.7	96.2	96.2	97.0
GE 700	42.4	44.7	62.9	70.5	86.4	87.9	88.6	91.7	93.2	93.2	94.7	94.7	95.5	97.0	97.0	97.7
GE 600	42.4	44.7	62.9	70.5	86.4	87.9	88.6	92.4	93.9	93.9	95.5	95.5	96.2	97.7	97.7	98.5
GE 500	42.4	44.7	62.9	70.5	86.4	88.6	89.4	93.2	94.7	94.7	96.2	96.2	97.0	98.5	98.5	99.2
GE 400	42.4	44.7	62.9	70.5	86.4	88.6	89.4	93.2	94.7	94.7	96.2	96.2	97.0	98.5	98.5	99.2
GE 300	42.4	44.7	62.9	70.5	86.4	88.6	89.4	93.2	94.7	94.7	96.2	96.2	97.0	98.5	98.5	99.2
GE 200	42.4	44.7	62.9	70.5	86.4	88.6	89.4	93.2	94.7	95.5	97.0	97.0	97.7	99.2	99.2	100.0
GE 100	42.4	44.7	62.9	70.5	86.4	88.6	89.4	93.2	94.7	95.5	97.0	97.0	97.7	99.2	99.2	100.0
GE 000	42.4	44.7	62.9	70.5	86.4	88.6	89.4	93.2	94.7	95.5	97.0	97.0	97.7	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 132

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: NOV HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	13.9	14.4	18.9	20.3	23.9	24.6	24.8	25.2	25.5	25.7	25.9	26.0	26.0	26.3	26.5	27.4
GE 20000	15.5	15.9	20.7	22.4	26.3	27.0	27.2	27.6	27.9	28.2	28.5	28.5	28.6	28.8	29.0	30.0
GE 18000	15.8	16.2	21.0	22.7	26.6	27.3	27.5	28.0	28.2	28.6	28.8	28.8	28.9	29.1	29.3	30.3
GE 16000	15.8	16.3	21.0	22.7	26.6	27.3	27.6	28.0	28.3	28.6	28.8	28.9	28.9	29.1	29.3	30.3
GE 14000	15.9	16.4	21.2	23.0	26.9	27.6	27.9	28.3	28.6	28.9	29.1	29.2	29.2	29.4	29.6	30.6
GE 12000	16.3	16.8	21.8	23.5	27.7	28.5	28.7	29.1	29.4	29.7	29.9	30.0	30.1	30.3	30.5	31.6
GE 10000	17.3	17.9	23.2	25.3	29.9	30.6	31.0	31.4	31.7	32.0	32.3	32.3	32.4	32.7	32.9	33.9
GE 9000	18.0	18.6	24.1	26.3	30.9	31.7	32.0	32.5	32.9	33.3	33.5	33.5	33.7	33.9	34.1	35.1
GE 8000	19.4	20.2	26.1	28.4	33.3	34.3	34.7	35.5	36.0	36.4	36.7	36.7	36.9	37.1	37.4	38.4
GE 7000	20.4	21.2	27.3	29.7	34.8	35.9	36.4	37.2	37.7	38.1	38.4	38.4	38.6	38.9	39.1	40.2
GE 6000	20.5	21.4	27.5	29.9	35.0	36.1	36.6	37.4	37.9	38.3	38.6	38.6	38.8	39.1	39.3	40.4
GE 5000	21.6	22.5	29.0	31.5	36.7	37.9	38.4	39.2	39.7	40.1	40.4	40.4	40.6	40.8	41.1	42.1
GE 4500	22.7	23.6	30.6	33.3	38.7	39.8	40.3	41.1	41.6	42.1	42.4	42.4	42.6	42.8	43.1	44.1
GE 4000	25.9	26.9	35.2	38.1	43.9	45.1	45.8	46.6	47.2	47.6	47.9	47.9	48.1	48.4	48.6	49.8
GE 3500	29.1	30.2	39.5	42.7	49.3	50.5	51.4	52.3	52.8	53.3	53.6	53.6	53.8	54.1	54.3	55.5
GE 3000	33.4	34.7	46.1	49.7	57.7	59.3	60.3	61.4	62.0	62.6	62.9	63.0	63.2	63.4	63.7	64.9
GE 2500	35.5	36.9	49.4	53.5	62.4	64.4	65.5	66.8	67.4	68.1	68.4	68.4	68.6	68.8	69.1	70.3
GE 2000	37.2	38.7	52.5	57.0	66.9	69.4	70.6	72.3	73.0	73.8	74.1	74.2	74.4	74.6	74.9	76.1
GE 1800	37.4	38.9	52.8	57.5	67.7	70.2	71.6	73.3	74.1	74.9	75.2	75.2	75.4	75.7	75.9	77.1
GE 1500	38.3	39.8	54.8	59.7	71.2	73.9	75.6	77.8	78.8	79.8	80.2	80.2	80.4	80.7	81.0	82.2
GE 1200	38.9	40.6	56.3	61.8	74.3	77.3	79.2	81.6	82.7	84.0	84.4	84.5	84.7	85.0	85.3	86.5
GE 1000	39.0	40.7	56.6	62.6	76.0	79.2	81.1	84.0	85.2	86.7	87.2	87.3	87.6	87.9	88.2	89.4
GE 900	39.2	40.9	56.9	63.0	76.7	80.0	81.9	84.8	86.1	87.6	88.1	88.2	88.5	88.8	89.1	90.3
GE 800	39.2	40.9	57.0	63.2	77.3	80.9	83.1	86.1	87.4	89.1	89.7	89.9	90.1	90.5	90.8	92.0
GE 700	39.2	40.9	57.0	63.2	77.8	81.7	84.2	87.6	88.9	90.8	91.4	91.5	91.8	92.2	92.5	93.7
GE 600	39.2	40.9	57.1	63.2	78.0	82.0	84.5	88.2	89.6	91.5	92.2	92.3	92.6	93.0	93.3	94.5
GE 500	39.2	40.9	57.1	63.2	78.1	82.2	84.8	88.8	90.2	92.2	93.0	93.2	93.5	94.1	94.4	95.6
GE 400	39.2	40.9	57.1	63.2	78.2	82.2	84.9	88.8	90.3	92.4	93.2	93.5	93.8	94.4	94.7	96.2
GE 300	39.2	40.9	57.1	63.2	78.2	82.2	84.9	88.9	90.4	92.5	93.6	93.9	94.2	94.8	95.1	97.1
GE 200	39.2	40.9	57.1	63.2	78.2	82.2	84.9	88.9	90.4	92.6	93.7	94.1	94.5	95.1	95.4	98.0
GE 100	39.2	40.9	57.1	63.2	78.2	82.2	84.9	88.9	90.5	92.7	93.9	94.4	94.7	95.4	95.7	99.8
GE 000	39.2	40.9	57.1	63.2	78.2	82.2	84.9	88.9	90.5	92.7	93.9	94.4	94.7	95.4	95.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2956

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	8.9	10.0	11.7	12.8	14.5	15.5	15.8	16.4	16.6	17.9	17.9	18.1	18.3	18.5	18.7	19.2
GE 20000	9.6	10.8	13.0	14.2	15.8	16.8	17.2	17.7	17.9	19.2	19.2	19.4	19.6	19.8	20.0	20.6
GE 18000	9.8	11.1	13.4	14.5	16.2	17.2	17.5	18.1	18.3	19.6	19.6	19.8	20.0	20.2	20.4	20.9
GE 16000	9.8	11.1	13.4	14.5	16.2	17.2	17.5	18.1	18.3	19.6	19.6	19.8	20.0	20.2	20.4	20.9
GE 14000	9.8	11.1	13.4	14.5	16.2	17.2	17.5	18.1	18.3	19.6	19.6	19.8	20.0	20.2	20.4	20.9
GE 12000	9.8	11.1	13.4	14.5	16.2	17.2	17.5	18.1	18.3	19.6	19.6	19.8	20.0	20.2	20.4	20.9
GE 10000	10.0	11.3	13.6	14.7	16.4	17.4	17.7	18.3	18.5	19.8	19.8	20.0	20.2	20.4	20.6	21.1
GE 9000	10.0	11.3	13.8	14.9	16.6	17.5	17.9	18.5	18.7	20.0	20.0	20.2	20.4	20.6	20.8	21.3
GE 8000	10.2	11.7	14.3	15.5	17.2	18.1	18.5	19.1	19.2	20.6	20.6	20.8	20.9	21.1	21.3	21.9
GE 7000	10.2	11.7	14.7	15.8	17.7	18.7	19.1	19.6	19.8	21.1	21.1	21.3	21.5	21.7	21.9	22.5
GE 6000	10.2	11.7	14.7	15.8	17.7	18.7	19.1	19.6	19.8	21.1	21.1	21.3	21.5	21.7	21.9	22.5
GE 5000	10.9	12.5	15.8	17.0	19.1	20.0	20.8	21.7	22.1	23.6	23.6	23.8	24.0	24.2	24.3	24.9
GE 4500	12.5	14.2	18.1	19.2	21.9	23.2	24.2	25.1	25.5	27.0	27.0	27.2	27.4	27.5	27.7	28.3
GE 4000	14.9	16.6	21.5	22.6	26.8	28.7	29.8	30.9	31.3	33.0	33.0	33.2	33.4	33.6	33.8	34.3
GE 3500	18.3	20.2	26.0	27.2	31.7	33.6	34.7	35.8	36.2	37.9	37.9	38.1	38.3	38.5	38.7	39.2
GE 3000	21.1	23.4	30.2	31.3	36.4	38.5	39.6	40.8	41.1	43.0	43.0	43.2	43.4	43.6	43.8	44.3
GE 2500	23.2	25.8	33.8	35.8	43.0	45.5	46.6	47.7	48.1	50.0	50.0	50.2	50.4	50.6	50.8	51.3
GE 2000	26.6	29.6	39.2	41.9	51.3	54.0	56.4	57.7	58.3	60.2	60.4	60.6	60.8	60.9	61.1	61.7
GE 1800	26.6	29.6	39.4	42.1	51.9	54.9	57.4	58.9	59.4	61.3	61.5	61.7	61.9	62.1	62.3	62.8
GE 1500	26.6	29.8	41.1	45.1	57.0	60.2	63.0	64.5	65.3	67.4	67.7	67.9	68.1	68.3	68.5	69.1
GE 1200	27.0	30.2	42.8	47.9	62.6	66.4	69.4	71.3	72.3	74.5	74.9	75.1	75.3	75.5	75.7	76.2
GE 1000	27.4	30.8	43.6	49.6	65.8	70.2	73.6	75.8	76.8	79.2	80.0	80.2	80.4	80.6	80.8	81.3
GE 900	27.4	30.8	43.8	50.4	67.5	71.9	75.5	78.1	79.1	81.9	82.8	83.0	83.2	83.4	83.6	84.2
GE 800	27.9	31.5	44.9	52.3	69.6	74.2	77.7	80.6	81.5	84.3	85.3	85.5	85.7	85.8	86.0	86.6
GE 700	27.9	31.5	45.3	53.2	71.3	76.0	80.0	82.8	83.8	86.6	87.7	87.9	88.1	88.3	88.5	89.1
GE 600	27.9	31.5	45.3	53.2	71.5	76.8	81.3	84.3	85.3	88.1	89.2	89.4	89.6	89.8	90.0	90.6
GE 500	27.9	31.5	45.3	53.6	72.6	78.3	83.4	86.8	87.9	90.8	91.9	92.1	92.3	92.5	92.6	93.2
GE 400	27.9	31.5	45.3	53.6	72.6	78.9	84.0	87.7	88.9	91.7	93.0	93.6	93.8	94.3	94.5	95.1
GE 300	27.9	31.5	45.3	53.6	72.6	78.9	84.0	87.9	89.1	91.9	93.4	94.2	94.5	96.0	96.4	97.5
GE 200	27.9	31.5	45.3	53.6	72.6	78.9	84.0	87.9	89.1	91.9	93.6	94.5	95.1	97.0	97.5	98.7
GE 100	27.9	31.5	45.3	53.6	72.6	78.9	84.0	87.9	89.1	91.9	93.6	94.5	95.1	97.0	97.7	98.9
GE 000	27.9	31.5	45.3	53.6	72.6	78.9	84.0	87.9	89.1	91.9	93.6	94.5	95.1	97.0	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 530

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	7.3	8.2	10.1	10.6	13.1	13.5	14.0	14.5	15.3	16.0	16.3	16.5	16.5	16.5	16.6	17.3
GE 20000	8.3	9.5	11.9	12.7	15.3	16.0	16.5	17.1	17.6	18.6	18.9	19.1	19.2	19.2	19.6	20.4
GE 18000	8.5	9.6	12.1	12.9	15.5	16.2	16.6	17.6	18.4	19.1	19.4	19.6	19.7	19.7	20.1	20.9
GE 16000	8.6	9.8	12.2	13.1	15.7	16.3	16.8	17.8	18.6	19.2	19.6	19.7	19.9	19.9	20.2	21.0
GE 14000	8.6	9.8	12.2	13.1	15.7	16.3	16.8	17.8	18.6	19.2	19.6	19.7	19.9	19.9	20.2	21.0
GE 12000	8.8	10.0	12.4	13.2	15.8	16.5	17.0	17.9	18.8	19.4	19.7	19.9	20.1	20.1	20.4	21.2
GE 10000	9.1	10.3	12.9	13.7	16.5	17.1	17.6	18.6	19.4	20.2	20.6	20.9	21.0	21.0	21.4	22.3
GE 9000	9.5	10.6	13.7	14.7	17.5	18.1	18.6	19.6	20.4	21.2	21.5	21.9	22.0	22.0	22.3	23.3
GE 8000	10.6	11.9	15.3	16.5	19.2	20.1	20.6	21.5	22.3	23.2	23.5	23.8	24.0	24.0	24.3	25.3
GE 7000	11.3	12.6	16.0	17.3	20.4	21.2	21.9	23.0	23.8	24.6	25.0	25.3	25.4	25.4	25.8	26.8
GE 6000	11.4	12.7	16.3	17.6	20.7	21.5	22.2	23.3	24.1	25.0	25.3	25.6	25.8	25.8	26.1	27.1
GE 5000	12.7	14.0	17.8	19.4	22.7	23.7	24.5	25.6	26.4	27.2	27.6	27.9	28.1	28.1	28.4	29.4
GE 4500	13.9	15.2	19.2	21.0	24.5	25.4	26.3	27.4	28.2	29.0	29.4	29.7	29.9	29.9	30.2	31.2
GE 4000	16.2	17.5	22.5	24.3	27.7	28.9	29.7	30.8	31.6	32.6	33.0	33.3	33.4	33.4	33.8	34.7
GE 3500	18.8	20.2	25.8	27.6	31.5	32.8	33.6	34.7	35.6	36.7	37.0	37.4	37.5	37.5	37.8	38.8
GE 3000	24.5	26.6	33.4	35.4	40.0	41.3	42.1	43.4	44.2	45.4	45.7	46.0	46.2	46.2	46.5	47.5
GE 2500	27.4	29.7	38.3	42.6	48.6	49.9	50.7	52.0	53.0	54.2	54.5	54.8	55.0	55.0	55.3	56.3
GE 2000	29.9	32.5	42.9	48.9	58.4	59.9	60.8	62.6	63.8	65.3	65.6	65.9	66.1	66.1	66.4	67.4
GE 1800	30.0	32.6	44.0	50.4	60.2	61.7	62.6	64.6	65.9	67.4	67.7	68.0	68.2	68.2	68.5	69.5
GE 1500	30.8	33.4	46.2	53.3	64.8	66.6	67.5	69.8	71.3	72.8	73.4	73.7	73.9	73.9	74.2	75.2
GE 1200	32.1	34.7	48.0	56.1	69.0	71.0	72.3	74.7	76.2	77.7	78.5	78.8	79.0	79.0	79.3	80.3
GE 1000	32.8	35.4	49.4	57.9	71.1	73.2	74.9	77.5	79.0	80.6	81.4	81.9	82.1	82.1	82.4	83.4
GE 900	33.1	35.7	50.2	59.4	72.9	75.2	77.0	79.8	81.2	82.9	83.7	84.2	84.3	84.3	84.7	85.6
GE 800	33.1	35.7	50.4	60.4	75.4	78.1	79.9	82.9	84.3	86.1	86.9	87.4	87.6	87.6	87.9	88.9
GE 700	33.1	35.7	50.4	60.5	76.3	79.4	81.4	84.3	85.8	87.6	88.4	88.9	89.1	89.1	89.4	90.4
GE 600	33.1	35.7	50.4	60.7	77.5	80.9	82.9	85.8	87.3	89.1	89.9	90.5	90.7	90.9	91.2	92.2
GE 500	33.1	35.7	50.4	60.7	77.5	81.6	83.7	86.8	88.7	90.5	91.4	92.2	92.7	93.0	93.3	94.3
GE 400	33.1	35.7	50.4	60.7	77.5	82.4	84.5	87.8	89.9	91.7	92.5	93.3	93.8	94.3	94.6	95.6
GE 300	33.1	35.7	50.4	60.7	77.5	82.4	84.5	87.8	90.4	92.5	93.3	94.3	94.8	95.4	96.1	98.5
GE 200	33.1	35.7	50.4	60.7	77.5	82.4	84.5	87.9	90.5	92.7	93.5	94.5	95.4	96.1	96.7	99.3
GE 100	33.1	35.7	50.4	60.7	77.5	82.4	84.5	87.9	90.5	92.7	93.5	94.6	95.6	96.2	96.9	99.5
GE 000	33.1	35.7	50.4	60.7	77.5	82.4	84.5	87.9	90.5	92.7	93.5	94.6	95.6	96.2	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 613

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	9.0	9.5	11.1	12.5	14.6	15.2	16.2	17.1	17.3	17.6	17.6	17.6	17.6	17.6	17.6	18.1
GE 20000	11.2	11.7	14.1	16.2	18.3	19.4	20.5	21.5	21.6	22.0	22.0	22.0	22.0	22.0	22.0	22.6
GE 18000	11.7	12.2	14.6	16.7	18.8	19.9	21.0	22.0	22.1	22.4	22.4	22.4	22.4	22.4	22.4	23.1
GE 16000	11.7	12.2	14.6	16.7	18.8	19.9	21.0	22.0	22.1	22.4	22.4	22.4	22.4	22.4	22.4	23.1
GE 14000	11.7	12.2	14.6	16.7	18.8	19.9	21.0	22.0	22.1	22.4	22.4	22.4	22.4	22.4	22.4	23.1
GE 12000	12.2	12.7	15.1	17.1	19.4	20.5	21.8	22.8	22.9	23.2	23.2	23.2	23.2	23.2	23.2	23.9
GE 10000	13.8	14.3	16.8	18.9	21.2	22.3	23.6	24.7	24.8	25.3	25.3	25.3	25.3	25.3	25.3	26.0
GE 9000	14.3	14.7	17.5	19.6	21.8	22.9	24.2	25.3	25.5	26.0	26.0	26.0	26.0	26.0	26.0	26.6
GE 8000	15.4	15.9	18.8	21.0	23.2	24.4	25.6	26.9	27.1	27.6	27.6	27.6	27.6	27.6	27.6	28.2
GE 7000	15.7	16.2	19.4	21.6	23.9	25.0	26.8	28.0	28.2	28.8	28.8	28.8	28.8	28.8	28.8	29.5
GE 6000	16.2	16.7	20.0	22.3	24.5	25.6	27.4	28.7	28.8	29.5	29.5	29.5	29.5	29.5	29.5	30.1
GE 5000	18.6	19.2	22.9	25.3	27.6	28.7	30.4	31.9	32.1	32.7	32.7	32.7	32.7	32.7	32.7	33.3
GE 4500	18.9	19.6	24.4	26.9	29.8	30.9	32.7	34.1	34.3	34.9	34.9	34.9	34.9	34.9	34.9	35.6
GE 4000	21.2	21.8	27.4	30.1	33.5	34.8	36.5	38.0	38.1	38.8	38.8	38.8	38.8	38.8	38.8	39.4
GE 3500	23.6	24.5	31.1	34.0	37.8	39.3	41.0	42.5	42.6	43.3	43.3	43.3	43.3	43.3	43.3	43.9
GE 3000	28.0	29.3	38.5	41.5	45.8	47.3	49.2	50.6	50.8	51.4	51.4	51.4	51.4	51.4	51.4	52.1
GE 2500	30.6	31.9	44.2	49.2	54.8	56.3	58.2	59.6	60.1	60.7	60.7	60.7	60.7	60.7	60.7	61.4
GE 2000	33.5	35.1	50.5	56.7	63.9	65.9	67.9	69.4	70.2	70.8	70.8	70.8	70.8	70.8	70.8	71.5
GE 1800	34.6	36.2	51.6	58.2	65.5	67.5	69.7	71.2	72.0	72.6	72.6	72.6	72.6	72.6	72.6	73.2
GE 1500	36.4	38.0	54.2	61.4	69.9	72.1	74.8	76.9	77.7	78.4	78.4	78.4	78.4	78.4	78.4	79.0
GE 1200	37.8	39.4	56.4	64.1	73.4	76.0	78.7	80.8	81.6	82.5	82.5	82.7	82.7	82.7	82.7	83.3
GE 1000	38.0	39.6	57.7	65.9	76.6	79.3	82.2	84.5	85.4	86.9	87.2	87.5	87.7	87.7	87.7	88.3
GE 900	38.0	39.6	57.9	66.7	78.0	80.8	83.7	86.1	87.2	88.6	88.9	89.3	89.4	89.4	89.4	90.1
GE 800	38.0	39.6	58.0	67.3	79.5	82.2	85.1	87.5	88.6	90.1	90.4	90.7	90.9	90.9	90.9	91.5
GE 700	38.3	39.9	58.3	67.6	80.3	83.0	85.9	88.3	89.4	91.0	91.5	91.8	92.0	92.0	92.0	92.6
GE 600	38.3	39.9	58.3	67.6	81.4	84.3	87.3	90.1	91.2	92.9	93.4	93.8	93.9	93.9	93.9	94.6
GE 500	38.3	39.9	58.3	67.6	81.9	85.4	88.5	91.3	92.9	94.7	95.2	95.7	95.8	95.8	95.8	96.5
GE 400	38.3	39.9	58.3	67.6	81.9	85.4	88.5	91.3	93.1	94.9	95.5	96.0	96.3	96.8	96.8	97.9
GE 300	38.3	39.9	58.3	67.6	81.9	85.4	88.5	91.3	93.3	95.2	95.8	96.3	96.6	97.1	97.1	98.7
GE 200	38.3	39.9	58.3	67.6	81.9	85.6	88.6	91.5	93.6	95.7	96.3	96.8	97.1	97.6	97.6	99.7
GE 100	38.3	39.9	58.3	67.6	81.9	85.6	88.6	91.5	93.6	95.7	96.3	96.8	97.1	97.6	97.6	99.8
GE 000	38.3	39.9	58.3	67.6	81.9	85.6	88.6	91.5	93.6	95.7	96.3	96.8	97.1	97.6	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 624

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: DEC HOURS: 15-17

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	8.6	8.9	12.6	13.4	14.7	14.7	14.8	15.7	15.7	16.1	16.2	16.4	16.4	16.4	16.4	16.6
GE 20000	10.5	10.8	15.0	15.9	17.6	18.2	18.7	19.5	19.5	19.9	20.1	20.2	20.2	20.2	20.2	20.9
GE 18000	10.5	10.8	15.0	15.9	17.6	18.2	18.7	19.5	19.5	19.9	20.1	20.2	20.2	20.2	20.2	20.9
GE 16000	10.5	10.8	15.0	15.9	17.6	18.2	18.7	19.5	19.5	19.9	20.1	20.2	20.2	20.2	20.2	20.9
GE 14000	10.5	10.8	15.0	15.9	17.6	18.2	18.7	19.5	19.5	19.9	20.1	20.2	20.2	20.2	20.2	20.9
GE 12000	10.5	10.8	15.2	16.1	17.8	18.3	18.8	19.7	19.7	20.1	20.2	20.4	20.4	20.4	20.4	21.1
GE 10000	11.7	12.2	16.8	17.6	19.4	20.1	20.6	21.5	21.5	21.8	22.0	22.2	22.2	22.2	22.2	22.9
GE 9000	13.3	14.0	19.0	19.9	21.6	22.3	22.9	23.7	23.7	24.1	24.3	24.4	24.4	24.4	24.4	25.1
GE 8000	14.7	15.5	20.8	21.8	23.9	24.6	25.3	26.4	26.5	26.9	27.1	27.2	27.2	27.2	27.2	28.3
GE 7000	15.0	15.9	21.5	22.5	25.0	25.7	26.5	27.6	27.7	28.1	28.3	28.4	28.4	28.4	28.4	29.5
GE 6000	15.7	16.6	22.2	23.2	25.7	26.4	27.2	28.3	28.4	28.8	29.0	29.1	29.1	29.1	29.1	30.2
GE 5000	17.5	18.3	24.4	25.7	28.1	28.8	29.7	30.7	30.9	31.2	31.4	31.6	31.6	31.6	31.6	32.6
GE 4500	18.8	19.7	27.1	28.4	30.9	31.6	32.5	33.5	33.7	34.0	34.2	34.4	34.4	34.4	34.4	35.4
GE 4000	21.8	22.9	30.7	32.5	35.4	36.3	37.2	38.2	38.4	38.7	38.9	39.1	39.1	39.1	39.1	40.1
GE 3500	24.1	25.1	33.7	35.4	38.4	39.3	40.3	41.5	41.9	42.2	42.4	42.6	42.6	42.6	42.6	43.6
GE 3000	28.6	29.8	42.8	45.4	49.4	50.4	51.5	52.9	53.4	53.8	53.9	54.1	54.1	54.1	54.1	55.1
GE 2500	30.5	31.8	46.1	49.7	55.5	56.5	57.6	59.0	59.5	60.0	60.2	60.4	60.4	60.4	60.4	61.4
GE 2000	32.6	34.2	50.8	55.3	63.4	64.4	66.0	67.5	68.1	68.8	68.9	69.1	69.1	69.1	69.1	70.2
GE 1800	33.2	34.7	51.8	56.4	64.4	65.6	67.2	68.9	69.5	70.3	70.5	70.7	70.7	70.7	70.7	71.7
GE 1500	34.6	36.1	55.0	60.0	70.0	71.4	73.3	75.2	76.1	77.0	77.3	77.5	77.5	77.5	77.5	78.5
GE 1200	35.4	37.0	56.9	62.3	73.3	74.7	77.3	79.4	80.3	81.2	81.5	81.7	81.7	81.7	81.7	82.7
GE 1000	35.6	37.2	57.9	63.7	75.9	77.5	80.8	83.2	84.1	85.0	85.3	85.5	85.7	86.2	86.2	87.3
GE 900	35.6	37.2	58.1	64.2	77.1	78.7	82.0	84.5	85.3	86.2	86.7	86.9	87.3	88.0	88.0	89.0
GE 800	35.8	37.3	58.5	64.7	78.0	79.8	83.1	85.7	86.7	87.6	88.1	88.3	88.7	89.4	89.4	90.4
GE 700	36.1	37.7	59.0	65.4	79.4	81.3	84.6	87.3	88.3	89.2	90.1	90.4	90.8	91.4	91.4	92.5
GE 600	36.1	37.7	59.0	65.6	80.5	82.7	86.0	88.7	90.4	91.4	92.3	92.7	93.0	93.7	93.7	94.8
GE 500	36.1	37.7	59.0	65.8	80.8	83.9	87.4	90.8	92.5	93.5	94.4	94.8	95.1	95.8	95.8	96.9
GE 400	36.1	37.7	59.2	66.0	81.0	84.1	87.8	91.1	92.8	93.9	94.8	95.1	95.5	96.5	96.5	97.7
GE 300	36.1	37.7	59.2	66.0	81.0	84.1	87.8	91.1	92.8	94.6	95.5	95.8	96.2	97.4	97.4	99.5
GE 200	36.1	37.7	59.2	66.0	81.0	84.1	87.8	91.3	93.0	94.8	95.6	96.0	96.3	97.6	97.6	100.0
GE 100	36.1	37.7	59.2	66.0	81.0	84.1	87.8	91.3	93.0	94.8	95.6	96.0	96.3	97.6	97.6	100.0
GE 000	36.1	37.7	59.2	66.0	81.0	84.1	87.8	91.3	93.0	94.8	95.6	96.0	96.3	97.6	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 513

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: DEC HOURS: 18-20

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	9.2	9.2	13.0	14.4	18.8	19.0	19.0	19.2	19.5	19.5	19.7	19.7	19.9	20.1	20.1	20.1
GE 20000	10.1	10.1	14.2	15.6	20.1	20.8	21.5	21.7	22.0	22.0	22.2	22.2	22.4	22.9	22.9	23.3
GE 18000	10.1	10.1	14.2	15.6	20.1	20.8	21.5	21.7	22.0	22.0	22.2	22.2	22.4	22.9	22.9	23.3
GE 16000	10.1	10.1	14.2	15.6	20.1	20.8	21.5	21.7	22.0	22.0	22.2	22.2	22.4	22.9	22.9	23.3
GE 14000	10.1	10.1	14.2	15.6	20.1	20.8	21.5	21.7	22.0	22.0	22.2	22.2	22.4	22.9	22.9	23.3
GE 12000	10.1	10.1	14.2	15.6	20.1	20.8	21.5	21.7	22.0	22.0	22.2	22.2	22.4	22.9	22.9	23.3
GE 10000	10.3	10.3	14.4	15.8	20.4	21.1	21.7	22.0	22.2	22.2	22.4	22.4	22.7	23.1	23.1	23.6
GE 9000	10.8	10.8	14.9	16.2	21.1	21.7	22.4	22.7	22.9	22.9	23.1	23.1	23.3	23.8	23.8	24.3
GE 8000	13.0	13.0	17.4	18.8	23.6	24.3	24.9	25.2	25.4	25.4	25.6	25.6	25.9	26.3	26.3	26.8
GE 7000	13.3	13.3	18.3	20.1	25.4	26.8	27.5	27.7	27.9	27.9	28.1	28.1	28.4	28.8	28.8	29.3
GE 6000	13.5	13.5	18.5	20.6	25.9	27.2	27.9	28.1	28.4	28.4	28.6	28.6	28.8	29.3	29.3	29.7
GE 5000	14.9	14.9	19.9	22.0	27.5	28.8	29.5	29.7	30.0	30.2	30.4	30.4	30.7	31.1	31.1	31.6
GE 4500	16.5	16.7	22.9	25.2	30.7	32.0	32.7	33.0	33.2	33.4	33.6	33.6	33.9	34.3	34.3	34.8
GE 4000	18.3	18.5	24.7	27.0	33.9	35.2	35.9	36.2	36.4	36.6	36.8	36.8	37.1	37.5	37.5	38.0
GE 3500	20.6	21.1	28.6	30.9	38.4	39.8	40.5	41.0	41.2	41.4	41.6	41.6	41.9	42.3	42.3	42.8
GE 3000	25.2	25.9	35.2	37.8	46.7	48.1	49.0	49.4	50.3	50.6	50.8	50.8	51.0	51.5	51.5	51.9
GE 2500	26.1	26.8	37.8	41.2	51.7	53.3	54.2	54.7	55.6	56.3	56.5	56.5	56.8	57.2	57.2	57.7
GE 2000	29.1	30.0	44.6	49.0	62.0	64.1	65.0	65.9	66.8	67.5	67.7	67.7	68.0	68.4	68.4	68.9
GE 1800	29.5	30.4	45.5	49.9	63.8	65.9	66.8	67.7	68.6	69.3	69.6	69.6	69.8	70.3	70.3	70.7
GE 1500	30.9	31.8	48.3	53.1	69.8	72.1	73.0	73.9	74.8	75.5	76.7	76.7	76.9	77.3	77.3	77.8
GE 1200	30.9	31.8	48.7	54.5	73.0	75.5	76.4	77.8	78.7	79.6	80.8	80.8	81.0	81.5	81.5	81.9
GE 1000	32.0	33.0	50.3	56.8	76.2	78.9	79.9	81.2	82.2	83.1	84.2	84.2	85.1	85.6	85.6	86.0
GE 900	33.0	33.9	51.7	58.1	78.0	81.0	82.8	84.2	85.4	86.3	87.4	87.4	88.3	88.8	88.8	89.2
GE 800	33.0	33.9	51.7	58.4	78.9	81.9	83.8	85.1	86.5	87.6	88.8	88.8	89.7	90.2	90.2	90.6
GE 700	33.0	33.9	52.4	59.0	80.8	84.2	86.0	87.4	89.0	90.2	91.3	91.3	92.2	92.7	92.7	93.1
GE 600	33.0	33.9	52.4	59.3	81.7	85.1	87.0	89.0	90.8	92.0	93.1	93.1	94.1	94.7	94.7	95.2
GE 500	33.0	33.9	52.4	59.5	82.2	85.6	87.6	89.9	92.4	93.8	95.0	95.0	95.9	96.6	96.6	97.0
GE 400	33.0	33.9	52.4	59.5	82.4	86.3	88.3	90.6	93.1	95.0	96.1	96.1	97.0	97.7	97.7	98.2
GE 300	33.0	33.9	52.4	59.5	82.4	86.3	88.8	91.1	93.6	95.7	96.8	96.8	97.7	98.4	98.4	99.5
GE 200	33.0	33.9	52.4	59.5	82.4	86.3	88.8	91.1	93.6	95.7	96.8	96.8	97.7	98.4	98.4	99.8
GE 100	33.0	33.9	52.4	59.5	82.4	86.3	88.8	91.1	93.6	95.7	96.8	96.8	97.7	98.4	98.6	100.0
GE 000	33.0	33.9	52.4	59.5	82.4	86.3	88.8	91.1	93.6	95.7	96.8	96.8	97.7	98.4	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 437

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: DEC HOURS: 21-23

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	14.6	14.6	17.1	18.3	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	28.0
GE 20000	15.9	15.9	18.3	20.7	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	30.5
GE 18000	15.9	15.9	18.3	20.7	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	30.5
GE 16000	15.9	15.9	18.3	20.7	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	30.5
GE 14000	15.9	15.9	18.3	20.7	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	30.5
GE 12000	17.1	17.1	19.5	22.0	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	31.7
GE 10000	17.1	17.1	19.5	22.0	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	31.7
GE 9000	17.1	17.1	20.7	23.2	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	32.9
GE 8000	18.3	18.3	22.0	24.4	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	35.4
GE 7000	19.5	19.5	23.2	25.6	35.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	37.8
GE 6000	19.5	19.5	23.2	25.6	35.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	37.8
GE 5000	22.0	22.0	25.6	28.0	37.8	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	40.2
GE 4500	23.2	23.2	26.8	29.3	40.2	41.5	41.5	41.5	41.5	42.7	42.7	42.7	42.7	42.7	42.7	43.9
GE 4000	25.6	25.6	29.3	31.7	43.9	45.1	45.1	45.1	45.1	46.3	46.3	46.3	46.3	46.3	46.3	47.6
GE 3500	25.6	25.6	30.5	32.9	45.1	47.6	47.6	47.6	47.6	48.8	48.8	48.8	48.8	48.8	48.8	50.0
GE 3000	29.3	29.3	39.0	42.7	56.1	59.8	59.8	59.8	61.0	62.2	62.2	62.2	62.2	62.2	62.2	63.4
GE 2500	29.3	29.3	39.0	47.6	61.0	65.9	65.9	65.9	67.1	68.3	68.3	68.3	68.3	68.3	68.3	69.5
GE 2000	32.9	32.9	43.9	52.4	68.3	73.2	73.2	73.2	74.4	75.6	75.6	75.6	75.6	75.6	75.6	76.8
GE 1800	32.9	32.9	43.9	52.4	68.3	73.2	73.2	73.2	74.4	75.6	75.6	75.6	75.6	75.6	75.6	76.8
GE 1500	32.9	32.9	46.3	54.9	72.0	76.8	78.0	78.0	79.3	80.5	80.5	80.5	80.5	80.5	80.5	81.7
GE 1200	32.9	32.9	46.3	56.1	74.4	79.3	80.5	80.5	81.7	82.9	82.9	82.9	82.9	82.9	82.9	84.1
GE 1000	34.1	34.1	50.0	59.8	79.3	84.1	85.4	85.4	86.6	87.8	87.8	87.8	87.8	87.8	87.8	89.0
GE 900	35.4	35.4	52.4	62.2	81.7	87.8	89.0	89.0	90.2	91.5	91.5	91.5	91.5	91.5	91.5	92.7
GE 800	35.4	35.4	53.7	64.6	84.1	90.2	91.5	91.5	92.7	93.9	93.9	93.9	93.9	93.9	93.9	95.1
GE 700	35.4	35.4	54.9	65.9	85.4	91.5	92.7	93.9	95.1	96.3	96.3	96.3	96.3	96.3	96.3	97.6
GE 600	35.4	35.4	54.9	65.9	85.4	91.5	92.7	95.1	96.3	97.6	97.6	97.6	97.6	97.6	97.6	98.8
GE 500	35.4	35.4	54.9	65.9	85.4	91.5	93.9	96.3	97.6	98.8	98.8	98.8	98.8	98.8	98.8	100.0
GE 400	35.4	35.4	54.9	65.9	85.4	91.5	93.9	96.3	97.6	98.8	98.8	98.8	98.8	98.8	98.8	100.0
GE 300	35.4	35.4	54.9	65.9	85.4	91.5	93.9	96.3	97.6	98.8	98.8	98.8	98.8	98.8	98.8	100.0
GE 200	35.4	35.4	54.9	65.9	85.4	91.5	93.9	96.3	97.6	98.8	98.8	98.8	98.8	98.8	98.8	100.0
GE 100	35.4	35.4	54.9	65.9	85.4	91.5	93.9	96.3	97.6	98.8	98.8	98.8	98.8	98.8	98.8	100.0
GE 000	35.4	35.4	54.9	65.9	85.4	91.5	93.9	96.3	97.6	98.8	98.8	98.8	98.8	98.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 82

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: DEC HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	8.7	9.3	11.8	12.8	15.3	15.7	16.1	16.8	17.0	17.6	17.7	17.8	17.9	17.9	18.0	18.5
GE 20000	10.1	10.7	13.7	15.0	17.7	18.4	19.1	19.7	20.0	20.5	20.7	20.8	20.9	21.0	21.1	21.8
GE 18000	10.3	10.9	14.0	15.3	17.9	18.6	19.3	20.0	20.3	20.8	21.0	21.1	21.2	21.3	21.4	22.0
GE 16000	10.3	11.0	14.0	15.3	17.9	18.7	19.3	20.0	20.3	20.8	21.0	21.1	21.2	21.3	21.4	22.1
GE 14000	10.3	11.0	14.0	15.3	17.9	18.7	19.3	20.0	20.3	20.8	21.0	21.1	21.2	21.3	21.4	22.1
GE 12000	10.5	11.2	14.2	15.5	18.2	18.9	19.6	20.3	20.6	21.1	21.3	21.4	21.5	21.6	21.7	22.4
GE 10000	11.2	11.9	15.1	16.4	19.1	19.9	20.5	21.3	21.6	22.2	22.3	22.5	22.6	22.7	22.8	23.5
GE 9000	11.8	12.5	16.0	17.3	20.0	20.8	21.5	22.3	22.6	23.2	23.3	23.4	23.5	23.6	23.7	24.4
GE 8000	13.0	13.8	17.5	18.9	21.8	22.6	23.3	24.1	24.4	25.0	25.2	25.3	25.4	25.5	25.6	26.4
GE 7000	13.3	14.2	18.2	19.7	22.8	23.7	24.6	25.5	25.8	26.4	26.6	26.7	26.8	26.9	27.0	27.8
GE 6000	13.6	14.5	18.5	20.1	23.2	24.2	25.0	25.9	26.2	26.9	27.0	27.1	27.2	27.4	27.5	28.2
GE 5000	15.2	16.1	20.4	22.1	25.3	26.3	27.3	28.3	28.6	29.3	29.5	29.6	29.7	29.8	29.9	30.7
GE 4500	16.4	17.3	22.5	24.3	27.8	28.9	29.9	30.9	31.3	32.0	32.1	32.3	32.4	32.5	32.6	33.4
GE 4000	16.7	19.7	25.6	27.5	31.8	33.1	34.1	35.1	35.5	36.3	36.4	36.6	36.7	36.8	36.9	37.6
GE 3500	21.3	22.4	29.1	31.1	35.7	37.1	38.2	39.3	39.7	40.5	40.7	40.8	40.9	41.0	41.1	41.9
GE 3000	25.7	27.2	36.2	38.5	44.0	45.5	46.6	47.8	48.3	49.2	49.4	49.5	49.6	49.7	49.8	50.6
GE 2500	27.8	29.4	40.3	44.1	51.1	52.8	53.9	55.1	55.8	56.7	56.9	57.0	57.1	57.2	57.3	58.1
GE 2000	30.6	32.5	45.8	50.7	60.1	62.0	63.6	65.0	65.8	66.9	67.1	67.2	67.3	67.4	67.5	68.3
GE 1800	31.0	32.9	46.6	51.7	61.5	63.4	65.1	66.6	67.4	68.5	68.7	68.8	68.9	69.0	69.2	69.9
GE 1500	32.1	34.0	49.1	54.9	66.5	68.7	70.6	72.3	73.3	74.5	74.9	75.1	75.2	75.3	75.4	76.1
GE 1200	32.9	34.9	50.7	57.3	70.4	72.9	75.0	77.0	78.0	79.3	79.8	80.0	80.1	80.2	80.3	81.0
GE 1000	33.4	35.4	52.0	59.1	73.3	76.0	78.5	80.7	81.7	83.2	83.8	84.1	84.3	84.5	84.6	85.4
GE 900	33.6	35.6	52.6	60.2	74.9	77.8	80.4	82.7	83.8	85.4	86.1	86.3	86.6	86.9	87.0	87.8
GE 800	33.8	35.8	53.0	61.1	76.5	79.5	82.2	84.6	85.8	87.4	88.1	88.4	88.7	88.9	89.0	89.8
GE 700	33.9	36.0	53.3	61.6	77.8	81.0	83.8	86.3	87.5	89.1	90.0	90.2	90.6	90.8	90.9	91.7
GE 600	33.9	36.0	53.3	61.7	78.7	82.2	85.1	87.8	89.2	90.9	91.7	92.1	92.4	92.7	92.8	93.6
GE 500	33.9	36.0	53.3	61.9	79.2	83.2	86.3	89.3	91.1	92.8	93.7	94.1	94.4	94.8	94.9	95.7
GE 400	33.9	36.0	53.4	61.9	79.2	83.6	86.8	89.9	91.7	93.5	94.4	94.9	95.3	95.9	96.0	97.0
GE 300	33.9	36.0	53.4	61.9	79.2	83.6	86.8	90.0	92.0	94.1	95.0	95.5	96.0	96.9	97.1	98.8
GE 200	33.9	36.0	53.4	61.9	79.2	83.6	86.9	90.1	92.1	94.2	95.2	95.8	96.4	97.3	97.6	99.5
GE 100	33.9	36.0	53.4	61.9	79.2	83.6	86.9	90.1	92.1	94.2	95.2	95.8	96.4	97.3	97.7	99.7
GE 000	33.9	36.0	53.4	61.9	79.2	83.6	86.9	90.1	92.1	94.2	95.2	95.8	96.4	97.3	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2859

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL	20.3	21.1	24.9	26.0	28.7	29.3	29.7	30.2	30.5	30.8	31.1	31.1	31.2	31.4	31.5	32.0
GE 20000	23.3	24.3	28.6	29.9	32.8	33.5	34.0	34.5	34.8	35.1	35.4	35.5	35.6	35.8	35.9	36.5
GE 18000	23.7	24.7	29.1	30.4	33.3	34.1	34.5	35.0	35.3	35.6	36.0	36.0	36.1	36.3	36.5	37.0
GE 16000	23.7	24.8	29.2	30.5	33.4	34.2	34.6	35.1	35.5	35.8	36.1	36.2	36.3	36.4	36.6	37.1
GE 14000	23.9	24.9	29.4	30.7	33.6	34.4	34.8	35.3	35.7	36.0	36.3	36.4	36.5	36.6	36.8	37.4
GE 12000	24.3	25.4	29.9	31.2	34.2	34.9	35.4	35.9	36.2	36.6	36.9	37.0	37.1	37.2	37.4	37.9
GE 10000	25.7	26.8	31.7	33.0	36.2	37.0	37.5	38.1	38.4	38.8	39.1	39.2	39.3	39.5	39.6	40.2
GE 9000	26.9	28.1	33.1	34.6	37.9	38.7	39.2	39.8	40.2	40.5	40.9	41.0	41.1	41.3	41.4	42.0
GE 8000	29.7	31.0	36.7	38.3	41.9	42.9	43.4	44.1	44.5	44.9	45.3	45.4	45.5	45.7	45.8	46.4
GE 7000	31.2	32.6	38.6	40.4	44.3	45.3	45.9	46.6	47.1	47.5	47.8	47.9	48.1	48.3	48.4	49.0
GE 6000	31.5	32.9	39.0	40.8	44.7	45.7	46.4	47.0	47.5	47.9	48.3	48.4	48.5	48.7	48.9	49.5
GE 5000	33.4	34.9	41.4	43.3	47.4	48.5	49.1	49.8	50.3	50.7	51.1	51.2	51.3	51.5	51.7	52.3
GE 4500	34.9	36.4	43.3	45.3	49.6	50.7	51.4	52.1	52.5	53.0	53.4	53.5	53.6	53.8	54.0	54.6
GE 4000	38.7	40.4	48.2	50.4	55.1	56.3	57.0	57.8	58.3	58.8	59.2	59.3	59.4	59.7	59.8	60.5
GE 3500	43.0	44.9	53.5	56.0	61.0	62.3	63.1	63.9	64.5	64.9	65.4	65.5	65.6	65.9	66.0	66.7
GE 3000	48.4	50.6	60.8	63.6	69.5	71.0	71.9	72.9	73.5	74.1	74.5	74.7	74.8	75.1	75.3	75.9
GE 2500	50.1	52.4	63.3	66.5	73.1	74.8	75.7	76.8	77.5	78.1	78.6	78.8	78.9	79.2	79.4	80.0
GE 2000	51.8	54.2	66.1	69.7	77.3	79.2	80.2	81.5	82.3	82.9	83.5	83.7	83.9	84.2	84.3	85.0
GE 1800	52.1	54.5	66.5	70.3	78.0	80.0	81.1	82.4	83.2	83.8	84.4	84.6	84.8	85.1	85.3	85.9
GE 1500	52.9	55.3	68.0	72.0	80.6	82.9	84.1	85.6	86.4	87.2	87.8	88.0	88.2	88.5	88.7	89.4
GE 1200	53.2	55.7	68.8	73.2	82.5	84.9	86.2	87.9	88.8	89.6	90.3	90.5	90.7	91.0	91.2	91.9
GE 1000	53.4	55.8	69.3	73.8	83.8	86.3	87.7	89.5	90.5	91.4	92.2	92.5	92.7	93.0	93.2	93.9
GE 900	53.4	55.8	69.4	74.1	84.1	86.7	88.2	90.1	91.0	92.0	92.8	93.0	93.3	93.6	93.8	94.5
GE 800	53.4	55.9	69.4	74.2	84.5	87.2	88.7	90.7	91.7	92.7	93.5	93.8	94.0	94.3	94.5	95.2
GE 700	53.4	55.9	69.5	74.3	84.8	87.6	89.2	91.3	92.3	93.4	94.2	94.5	94.8	95.2	95.4	96.1
GE 600	53.4	55.9	69.5	74.4	85.1	88.0	89.7	91.8	92.9	94.0	94.8	95.2	95.4	95.8	96.0	96.8
GE 500	53.5	55.9	69.5	74.4	85.2	88.2	89.9	92.1	93.2	94.4	95.3	95.7	96.0	96.5	96.7	97.5
GE 400	53.5	55.9	69.6	74.4	85.2	88.3	90.0	92.3	93.4	94.6	95.6	96.0	96.4	96.9	97.1	98.1
GE 300	53.5	55.9	69.6	74.4	85.2	88.3	90.0	92.3	93.5	94.8	95.8	96.3	96.6	97.2	97.5	98.7
GE 200	53.5	55.9	69.6	74.4	85.2	88.3	90.0	92.3	93.5	94.8	95.8	96.4	96.8	97.4	97.7	99.3
GE 100	53.5	55.9	69.6	74.4	85.2	88.3	90.0	92.3	93.5	94.8	95.8	96.4	96.8	97.4	97.8	99.9
GE 000	53.5	55.9	69.6	74.4	85.2	88.3	90.0	92.3	93.5	94.8	95.8	96.4	96.8	97.4	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 37771

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PPPPPPPPPP	AAAAAAAA	RRRRRRRRRR	TTTTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPPPP	AA AA	RRRRRRRRR	TT	EEEEEE
PPPPPPPPPP	AAAAAAAAAA	RRRRRRRRR	TT	EEEEEE
PP	AAAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE

PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, DEW POINT TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

SPECIAL CAVEAT: DURING PART TIME PERIODS, THESE SUMMARIES REPRESENT THE "HIGH" AND "LOW" TEMPERATURES RECORDED AND NOT NECESSARILY THE ACTUAL MAXIMUM AND MINIMUM VALUES. THESE SUMMARIES ARE INFLUENCED BY THE ABSENCE OF NIGHTTIME TEMPERATURE READINGS. THEREFORE, CERTAIN SUMMARIES MAY DEPICT A SLIGHT "WARM" BIAS.

TEMPERATURE CONVERSIONS: $F = 1.8C + 32$

$C = K - 273.0$ (BEFORE 5 APRIL 77)

$C = K - 273.2$ (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED. THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: -01

PERIOD OF RECORD: 6009-9012
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 95								.1					.0
GE 90						.3	1.6	1.5					.3
GE 85					.3	3.1	7.5	4.7	.3				1.3
GE 80				.3	2.7	11.0	21.4	16.1	3.4				4.7
GE 75				1.4	11.1	27.5	35.2	33.8	11.2	.9			10.3
GE 70			.5	6.1	23.5	45.1	51.9	55.0	28.8	4.5			18.2
GE 65			2.6	13.5	36.6	61.3	71.0	74.7	46.1	12.1			26.9
GE 60		.1	5.6	28.6	59.9	81.4	91.2	94.0	73.9	28.3	.7		39.2
GE 55		2.0	13.7	46.3	81.8	94.9	99.5	99.2	92.7	55.0	6.5	1.1	50.1
GE 50	2.1	6.0	28.1	64.4	94.8	99.6	100.0	100.0	99.6	77.9	21.9	6.3	59.1
GE 45	11.4	18.5	53.5	82.8	98.3	100.0			100.0	93.5	44.5	16.8	69.0
GE 40	23.7	36.7	72.9	94.4	99.6					99.0	66.3	31.2	77.6
GE 35	53.9	66.1	91.4	99.9	100.0					100.0	86.1	61.4	88.6
GE 33	61.4	74.7	95.8	99.9							91.8	71.9	91.5
GE 30	75.1	86.7	97.9	100.0							96.1	83.6	95.1
GE 25	87.2	96.3	99.1								99.7	92.5	97.9
GE 20	92.6	99.0	99.7								100.0	97.3	99.1
GE 15	97.2	99.9	100.0									99.2	99.7
GE 10	99.3	100.0										99.9	99.9
GE 5	100.0											99.9	100.0
GE 0												100.0	100.0
MEAN	34.2	17.6	45.2	53.9	62.4	68.2	71.1	71.0	64.9	55.5	43.1	36.5	53.9
SD	8.57	7.64	8.51	9.43	8.78	8.87	8.95	8.02	7.56	7.76	7.51	8.14	15.71
TOTAL OBS	752	697	779	773	773	770	770	789	744	782	741	751	9121

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: -01

PERIOD OF RECORD: 6009-9012
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 70								.1					.0
GE 65						.4	1.4	.4					.2
GE 60					.5	7.5	12.9	12.1	3.8	.3			3.1
GE 55			.1	.1	7.1	30.4	45.5	43.1	18.8	4.1	.4		12.6
GE 50			.9	5.3	29.2	67.3	81.8	77.1	47.4	17.7	3.5	1.3	27.9
GE 45	1.2	1.3	5.9	19.0	59.4	90.0	97.6	93.8	73.6	43.5	13.7	6.4	42.5
GE 40	7.0	6.7	18.4	36.5	80.2	97.9	99.5	99.5	88.8	66.1	30.7	14.2	54.2
GE 35	27.1	26.7	48.1	69.2	96.3	99.9	100.0	100.0	98.4	85.7	54.0	33.7	70.3
GE 33	38.4	36.2	58.4	81.6	98.3	99.9			99.5	90.9	64.4	47.8	76.6
GE 30	54.9	54.9	76.0	92.9	99.9	100.0			100.0	96.4	81.6	63.3	85.2
GE 25	70.5	71.6	89.1	99.0	100.0					99.7	93.6	76.6	91.9
GE 20	77.4	83.0	94.6	100.0						100.0	97.9	86.2	95.0
GE 15	85.2	90.6	97.1								99.5	92.7	97.2
GE 10	92.5	95.6	99.0								99.9	97.4	98.7
GE 5	96.2	97.6	99.2								100.0	99.0	99.3
GE 0	98.3	99.0	100.0									99.7	99.8
GE -5	99.6	99.7										99.9	99.9
GE -10	99.9	100.0										100.0	100.0
GE -15	100.0												100.0
MEAN	27.4	28.3	33.4	38.2	45.5	51.5	53.9	53.2	48.4	42.6	35.7	30.6	40.8
SD	10.78	9.52	7.90	6.34	6.17	5.60	5.09	5.49	6.51	7.19	7.56	9.57	11.96
TOTAL OBS	756	705	782	772	774	771	765	785	738	781	745	762	9136

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: -01

PERIOD OF RECORD: 6009-9012
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 80							.1						.0
GE 75						.6	2.7	1.3					.4
GE 70					.6	6.1	14.5	10.4	1.5				2.8
GE 65				.1	5.7	25.2	38.2	35.4	10.5	.8			9.8
GE 60				3.1	21.0	53.5	65.8	66.5	31.4	5.3	.1		20.9
GE 55		.1	2.1	12.2	47.1	81.4	93.2	93.5	66.0	21.9	1.2	.1	35.4
GE 50		1.3	8.9	32.8	77.2	96.1	100.0	99.7	89.9	48.5	8.9	2.7	47.8
GE 45	4.0	5.8	24.4	59.2	95.0	100.0		100.0	99.2	75.6	25.2	10.0	58.9
GE 40	17.3	20.4	51.6	81.5	99.2				100.0	94.2	50.2	24.7	70.6
GE 35	40.2	47.9	77.5	98.2	100.0					99.6	76.1	51.2	83.0
GE 33	51.4	58.7	86.1	99.5						100.0	85.2	60.8	87.2
GE 30	64.9	69.6	92.9	99.9							92.6	73.2	91.4
GE 25	77.1	85.2	97.3	100.0							98.2	86.4	95.5
GE 20	86.2	93.8	99.1								99.7	93.9	97.8
GE 15	93.6	97.8	99.6								100.0	97.7	99.1
GE 10	97.2	99.7	99.9									99.3	99.7
GE 5	99.1	100.0	100.0									99.9	99.9
GE 0	99.9											99.9	100.0
GE -5	100.0											100.0	100.0
MEAN	31.0	33.1	39.6	46.3	54.3	60.1	62.8	62.4	56.9	49.3	39.6	33.9	47.6
SD	9.42	7.97	7.26	6.76	6.28	6.20	5.96	5.46	5.69	6.34	7.13	8.62	13.28
TOTAL OBS	747	695	779	772	773	770	765	785	736	778	741	750	2091

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: -01

PERIOD OF RECORD: 6009-9012
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
60									75*	74*	59*	48*	75*
61	47*	52*	68*	73*	72*	86*	83*	85*	88*	73*	56*	57*	88*
62	48*	45*	53*	78	74	82	83	88	75	78	63	41	88*
63	36	39	55	67	75	77	88	91	77	62	61	44	91
64	39	54	55	77	81	88	92	93	82*	69*	51	51	93*
65	49	38	65	67	77	82	83	80	75	69	55	52*	83*
66	52	59	57	69	80	85	81	90	80	79	56	48	90
67	53	55	58	67	80	86	89	85	77	70	50	50	89
68	46	46	73	84	73	79	86	77	77	66	64	45	86
69	46	45	55	72	84	81	88	84	82	72	55	34	88
70	39	43	54	68	73	86	84	82	75	73	57*	46*	86*
71	50*	44*	51*	73*	80*	75*	93*	91*	73*	69*	55*	51*	93*
72	41*	50*	68*	62*	73*	82*	91*	84*	73*	71*	53*	50*	91*
73	44*	42*	66*	64*	77*	86*	87*	86*	86*	73*	51*	42*	87*
74	50*	57*	68*	73*	69*	77*	78*	91*	78*	50*	57*	51*	91*
75	51*	53*	55*	73*	77*	78*	87*	89*	84*	64*	48*	44*	89*
76	48*	46*	60*	69*	82*	91*	89*	82*	73*	69*	57*	44*	91*
77	48*	50	66	64	78	86	84	78	78	73	59	53	86*
78	42	53	68	64	77	82	86	80	71*	73	53	48	86*
79	35	42	55	68	87	87	77	80	79	72	52	55	87
80	46	52	59	73	73	81	84	81	75	61	54	48	84
81	45	45	64	70	81	82	86	88*	75*	66*	55*	45*	88*
82	48*	50*	61*	68*	81*	88*	86*	84*	84*	59*	63*	52*	88*
83	54*	48	55*	70*	73*	84*	93*	84*	79*	73*	57	55	93*
84	45*	46	54	68	72*	81*	91*	84*	68*	66*	59*	45*	91*
85	46*	52*	52*	70*	81*	79*	82*	88*	77*	75*	57*	54*	88*
86	46*	34*	55*	68*	81*	88*	86*	84*	72*	73*	59*	54*	88*
87	37*	45*	54*	77*	75*	93*	84*	82*	82*	66*	52*	57*	93*
88	52*	46*	57*	73*	81*	81*	86*	88*	79*	63*	50*	50*	88*
89	48*	48*	72*	70*	81*	88*	86*	91*	79*	70*	57*	55*	91*
90	50*	63*	68*	70*	75*	86*	86*	95*	66*	75*	54*	43*	95*

OPERATING LOCATION 'A' MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
USAFETAC, ASHEVILLE NC FROM SUMMARY OF DAY DATA

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NAME: FULDA AAF DL
LST TO UTC: -01

PERIOD OF RECORD: 6009-9012
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
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GREATEST	54	63	73	84	87	93	93	95	88	79	64	57	95
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TOTAL OBS	752	697	779	773	773	770	770	789	744	782	741	751	9121
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THE GREATEST VALUE OF 95 OCCURRED ON 08/01/90

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: -01

PERIOD OF RECORD: 6009-9012
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
60									35*	37*	28*	21*	21*
61	12*	29*	30*	38*	32*	41*	38*	42*	39*	32*	17*	5*	5*
62	10*	15*	14*	30	31	32	44	38	34	27	19	-2	-2*
63	-6	-4	1	24	36	42	43*	42	38	27	32	1*	-6*
64	5	10	16	31	37	41	38	38	30	27	25	12	5
65	20	12	4	29	31	40	41	40	36	23	11	24*	4*
66	-1	26	24	30	33	42	45	41	37	30	20	21	-1
67	8	13	27	27	29	36	45	42	39	31	23	11	8
68	-7	10	14	21	30	39	45	45	43	27	23	4	-7
69	12	10	21	25	36	41	46	46	34	36	21	-7	-7
70	14	-2	12	25	30	37	41	45	34	28	28*	1*	-2*
71	1*	14*	1*	28*	33*	41*	42*	42*	33*	26*	28*	21*	1*
72	6*	0*	28*	24*	39*	42*	44*	41*	35*	24*	28*	14*	0*
73	14*	19*	28*	28*	32*	41*	46*	42*	39*	30*	23*	14*	14*
74	26*	23*	28*	30*	35*	42*	44*	42*	41*	33*	24*	30*	23*
75	28*	23*	26*	28*	33*	35*	50*	48*	44*	32*	17*	8*	8*
76	1*	19*	14*	24*	35*	44*	46*	44*	39*	35*	28*	0*	0*
77	19*	19	21	24	37	35	50	50	33	30	15	15	15*
78	21	5	28	24	35	42	42	35	44*	30	21	8	5*
79	-2	12	28	30	30	48	39	41	32	28	25	23	-2
80	9	21	25	28	32	45	45	37	39	28	19	14	9
81	9	14	30	27	34	46	45	43*	41*	37*	25*	5*	5*
82	-13*	18*	28*	28*	36*	43*	46*	45*	39*	34*	32*	28*	-13*
83	25*	5	27*	34*	37*	45*	46*	43*	37*	28*	18	9	5*
84	10*	10	21	28	34*	43*	48*	50*	37*	36*	28*	30*	10*
85	3*	-6*	25*	27*	37*	45*	46*	43*	36*	30*	10*	9*	-6*
86	12*	0*	23*	25*	37*	43*	46*	41*	34*	30*	32*	19*	0*
87	-4*	1*	0*	28*	36*	43*	46*	46*	32*	34*	30*	10*	-4*
88	25*	28*	21*	27*	36*	45*	48*	45*	39*	27*	7*	19*	7*
89	21*	25*	30*	30*	32*	37*	45*	43*	37*	32*	19*	16*	16*
90	25*	27*	28*	27*	36*	45*	46*	45*	36*	25*	27*	21*	21*

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 6009-9012
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LEAST	-13	-6	0	21	29	32	38	35	30	23	7	-7	-13
TOTAL OBS	756	705	782	772	774	771	765	785	738	781	745	762	9136

THE LEAST VALUE OF -13 OCCURRED ON 01/14/82

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: -01

PERIOD OF RECORD: 6009-9012
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
60									53*	48*	44*	35*	43*
61	33*	44*	45*	53*	51*	60*	58*	61*	62*	51*	39*	33*	52*
62	35*	33*	34*	49	51	57	60	62	55	49	37	26	46*
63	18	21	38	48	53	61	64*	61	57	46	45	26*	45*
64	26	35	34	48	56	63	66	62	58*	46*	41	33	47*
65	34	29	37	45	53	60	60	59	55	47	35	37*	46*
66	27	42	39	50	56	63	61	61	57	54	35	36	49
67	34	38	42	45	55	59	66	62	57	53	37	32	48
68	29	35	41	48	52	61	61	62	57	51	38	28	47
69	34	27	35	45	56	59	66	63	57	51	41	22	47
70	29	30	36	43	53	63	61	63	57	50	44*	38*	48*
71	30*	35*	34*	48*	58*	57*	64*	65*	54*	48*	39*	38*	48*
72	29*	37*	43*	46*	54*	58*	64*	61*	52*	45*	40*	34*	47*
73	32*	34*	41*	42*	55*	62*	63*	64*	59*	47*	38*	32*	48*
74	39*	38*	44*	48*	51*	58*	61*	63*	57*	42*	41*	41*	49*
75	40*	37*	39*	45*	53*	58*	66*	67*	62*	47*	37*	33*	49*
76	35*	34*	36*	45*	55*	63*	66*	62*	57*	51*	41*	30*	48*
77	34*	39	45	43	54	60	63	61	54	51	42	35	49*
78	33	30	42	45	53	59	60	59	54*	48	38	34	46*
79	23	29	40	44	54	62	60	60	56	49	39	40	47
80	29	38	40	43	52	59	59	62	58	47	38	33	47
81	29	30	46	48	56	60	62	62*	58*	48*	41*	31*	48*
82	23*	33*	41*	46*	55*	62*	66*	64*	62*	51*	45*	39*	49*
83	40*	31	42*	49*	52*	62*	69*	66*	57*	49*	40	34	49*
84	35*	34	38	45	51*	58*	62*	63*	54*	52*	40*	37*	47*
85	25*	27*	39*	47*	57*	57*	62*	62*	57*	48*	32*	40*	46*
86	33*	21*	40*	44*	59*	62*	64*	64*	53*	51*	45*	38*	48*
87	19*	31*	32*	50*	50*	59*	64*	62*	61*	50*	42*	36*	47*
88	40*	36*	39*	48*	59*	61*	65*	65*	57*	51*	38*	39*	50*
89	36*	37*	46*	46*	58*	60*	65*	64*	60*	53*	38*	38*	50*
90	38*	43*	46*	47*	60*	62*	62*	67*	54*	51*	41*	33*	50*

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MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 6009-9012
MONTH: ALL HOURS: ALL

[illegible]

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	30.3	11.738	616	13	295	0	0	0	616
09-11	31.6	11.131	659	7	281	0	0	0	659
12-14	34.3	9.991	654	1	203	0	0	0	654
15-17	34.4	9.625	628	0	197	0	0	0	628
18-20	31.8	10.436	506	1	234	0	0	0	506
21-23	30.0	11.826	117	2	60	0	0	0	117
ALL HOURS	32.4	10.765	3180	24	1270	0	0	0	3180

MONTH: FEB

00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	27.7	10.861	604	13	375	0	0	0	604
09-11	30.1	10.236	629	6	346	0	0	0	629
12-14	35.0	8.630	613	0	234	0	0	0	613
15-17	36.2	8.073	580	0	186	0	0	0	580
18-20	33.2	8.726	470	0	201	0	0	0	470
21-23	31.0	9.355	129	0	68	0	0	0	129
ALL HOURS	32.3	9.934	3025	19	1410	0	0	0	3025

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	36.3	7.957	683	1	225	0	0	0	683
09-11	40.0	7.995	713	0	109	2	0	0	713
12-14	44.5	8.251	686	0	33	8	0	0	686
15-17	45.4	8.329	639	0	29	10	0	0	639
18-20	42.4	7.859	534	0	46	4	0	0	534
21-23	40.2	7.417	143	0	20	0	0	0	143
ALL HOURS	41.6	8.682	3398	1	462	24	0	0	3398

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	40.8	6.464	674	0	74	0	0	0	674
09-11	47.3	7.946	683	0	8	7	0	0	683
12-14	52.2	8.989	639	0	5	52	0	0	639
15-17	53.1	9.296	591	0	5	68	0	0	591
18-20	49.8	8.493	531	0	6	19	0	0	531
21-23	47.1	7.316	143	0	1	0	0	0	143
ALL HOURS	48.3	9.345	3261	0	99	146	0	0	3261

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	49.4	6.396	651	0	1	0	0	0	651
09-11	57.2	8.268	654	0	0	107	1	0	654
12-14	61.5	9.351	621	0	0	227	5	0	621
15-17	62.1	9.471	562	0	0	226	7	0	562
18-20	59.1	8.793	471	0	0	129	0	0	471
21-23	55.8	7.704	130	0	0	14	0	0	130
ALL HOURS	57.6	9.576	3089	0	1	703	13	0	3089

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	54.9	5.759	654	0	0	19	0	0	654
09-11	61.6	7.915	665	0	0	205	11	0	665
12-14	65.6	9.148	622	0	0	301	50	0	622
15-17	66.5	9.216	574	0	0	297	50	2	574
18-20	63.9	8.638	499	0	0	202	21	0	499
21-23	60.2	7.538	144	0	0	36	0	0	144
ALL HOURS	62.2	9.174	3158	0	0	1060	132	2	3158

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	57.6	5.331	651	0	0	50	0	0	651
09-11	65.6	7.395	647	0	0	300	22	0	647
12-14	70.3	8.683	626	0	0	402	112	0	626
15-17	71.6	8.771	603	0	0	429	145	2	603
18-20	68.7	8.226	531	0	0	324	69	0	531
21-23	64.6	6.458	152	0	0	63	1	0	152
ALL HOURS	66.5	9.103	3210	0	0	1568	349	2	3210

MONTH: AUG

00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	56.6	5.935	662	0	0	36	0	0	662
09-11	65.1	7.037	663	0	0	312	20	0	663
12-14	70.8	8.030	656	0	0	473	96	0	656
15-17	71.5	8.050	628	0	0	466	116	1	628
18-20	67.6	7.259	560	0	0	328	30	0	560
21-23	63.0	5.859	164	0	0	61	0	0	164
ALL HOURS	66.1	9.033	3333	0	0	1676	262	1	3333

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	50.3	6.499	630	0	2	6	0	0	630
09-11	57.0	6.818	634	0	0	70	0	0	634
12-14	63.1	7.226	628	0	0	218	8	0	628
15-17	63.7	7.705	597	0	0	231	15	0	597
18-20	59.7	6.860	504	0	0	103	0	0	504
21-23	56.7	6.010	121	0	0	10	0	0	121
ALL HOURS	58.6	8.479	3114	0	2	638	23	0	3114

MONTH: OCT

00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	45.2	7.416	634	0	44	0	0	0	634
09-11	49.4	7.267	642	0	17	8	0	0	642
12-14	54.5	6.985	631	0	3	44	0	0	631
15-17	54.9	6.953	607	0	0	42	0	0	607
18-20	51.4	6.326	521	0	2	7	0	0	521
21-23	49.1	6.197	152	0	1	1	0	0	152
ALL HOURS	50.9	7.872	3187	0	67	102	0	0	3187

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105300

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	37.1	8.299	585	0	176	0	0	0	585
09-11	39.0	7.972	595	0	115	0	0	0	595
12-14	42.8	7.664	586	0	51	0	0	0	586
15-17	42.6	7.606	562	0	52	0	0	0	562
18-20	39.7	7.184	494	0	80	0	0	0	494
21-23	38.6	7.008	131	0	29	0	0	0	131
ALL HOURS	40.2	8.018	2953	0	503	0	0	0	2953

MONTH: DEC

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	34.6	8.984	530	0	179	0	0	0	530
09-11	35.7	8.600	614	0	197	0	0	0	614
12-14	37.6	7.543	625	0	150	0	0	0	625
15-17	37.3	7.390	573	0	144	0	0	0	573
18-20	35.7	7.651	437	0	145	0	0	0	437
21-23	34.0	7.111	82	0	35	0	0	0	82
ALL HOURS	36.2	8.148	2861	0	850	0	0	0	2861

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	43.7	12.631	7574	27	1371	111	0	0	7574
09-11	48.4	14.893	7798	13	1073	1011	54	0	7798
12-14	52.7	15.529	7587	1	679	1725	271	0	7587
15-17	53.3	15.738	7144	0	613	1769	333	5	7144
18-20	50.7	15.252	6058	1	714	1116	120	0	6058
21-23	48.7	14.103	1608	2	214	185	1	0	1608
ALL HOURS	49.6	15.193	37769	44	4664	5917	779	5	37769

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360 STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JAN

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HOURS	MEAN	STANDARD	TOTAL	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
LST		DEVIATION	OBS	LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	29.3	11.155	616	316	3	0	0	0	616
09-11	30.4	10.556	659	312	3	0	0	0	659
12-14	32.5	9.329	654	260	4	0	0	0	654
15-17	32.7	9.018	628	246	3	0	0	0	628
18-20	30.6	9.871	506	256	0	0	0	0	506
21-23	28.8	11.190	117	61	0	0	0	0	117
ALL									
HOURS	31.1	10.117	3180	1451	13	0	0	0	3180
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MONTH: FEB

00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	27.0	10.343	603	389	3	0	0	0	603
09-11	28.9	9.673	629	366	4	0	0	0	629
12-14	32.6	7.975	612	280	11	0	0	0	612
15-17	33.5	7.354	580	237	9	0	0	0	580
18-20	31.5	8.040	470	215	5	0	0	0	470
21-23	29.6	6.683	129	71	0	0	0	0	129
ALL									
HOURS	30.6	9.082	3023	1558	32	0	0	0	3023
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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105350

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	35.1	7.349	683	251	20	0	0	0	683
09-11	37.9	7.005	713	145	37	0	0	0	713
12-14	40.7	6.597	686	54	62	0	0	0	686
15-17	41.1	6.453	639	49	64	0	0	0	639
18-20	39.4	6.698	534	74	41	0	0	0	534
21-23	38.0	6.585	143	26	6	0	0	0	143
ALL HOURS	38.7	7.147	3398	599	230	0	0	0	3398

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	39.2	5.954	674	100	27	0	0	0	674
09-11	43.3	6.173	683	18	122	0	0	0	683
12-14	46.1	6.702	639	5	219	0	0	0	639
15-17	46.5	6.666	591	6	212	0	0	0	591
18-20	44.6	6.220	531	8	135	0	0	0	531
21-23	43.2	5.859	143	2	23	0	0	0	143
ALL HOURS	43.8	6.841	3261	139	738	0	0	0	3261

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DE(F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	47.1	5.640	651	2	237	0	0	0	651
09-11	51.3	6.001	654	0	423	0	0	0	654
12-14	53.3	5.900	621	0	462	2	0	0	621
15-17	53.4	5.630	562	0	421	0	0	0	562
18-20	52.2	5.594	471	0	329	0	0	0	471
21-23	50.7	5.594	130	0	78	0	0	0	130
ALL HOURS	51.3	6.190	3089	2	1950	2	0	0	3089

MONTH: JUN

00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	52.3	5.245	654	0	450	0	0	0	654
09-11	55.7	5.826	665	0	563	24	0	0	665
12-14	57.2	5.862	622	0	568	36	2	0	622
15-17	57.7	5.694	574	0	533	41	3	0	574
18-20	56.9	5.769	499	0	454	29	2	0	499
21-23	55.4	5.632	144	0	124	5	1	0	144
ALL HOURS	55.8	6.042	3158	0	2692	135	8	0	3158

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	55.1	4.749	651	0	580	3	0	0	651
09-11	58.9	5.048	647	0	635	49	0	0	647
12-14	60.5	5.130	626	0	624	85	2	0	626
15-17	60.9	4.972	603	0	603	98	5	0	603
18-20	60.1	4.946	531	0	528	62	2	0	531
21-23	58.9	4.773	152	0	151	7	0	0	152
ALL HOURS	59.0	5.418	3210	0	3121	304	9	0	3210

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	54.5	5.064	661	0	553	4	0	0	661
09-11	59.1	4.834	662	0	652	36	0	0	662
12-14	61.0	4.873	656	0	654	95	2	0	656
15-17	61.2	4.721	628	0	628	86	1	0	628
18-20	59.8	4.825	560	0	558	54	0	0	560
21-23	58.2	5.016	163	0	158	5	1	0	163
ALL HOURS	59.0	5.396	3330	0	3203	280	4	0	3330

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	49.0	5.928	630	2	299	0	0	0	630
09-11	53.2	5.467	634	0	472	6	0	0	634
12-14	56.2	5.549	627	0	560	23	0	0	627
15-17	56.4	5.535	597	0	535	20	0	0	597
18-20	54.7	5.469	504	0	411	8	0	0	504
21-23	53.2	5.499	121	0	90	1	0	0	121
ALL HOURS	53.8	6.227	3113	2	2367	58	0	0	3113

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	44.1	7.009	634	49	158	0	0	0	634
09-11	47.1	6.567	642	19	250	0	0	0	642
12-14	50.0	5.753	631	4	354	0	0	0	631
15-17	50.4	5.681	607	2	346	0	0	0	607
18-20	48.6	5.640	521	3	236	0	0	0	521
21-23	47.1	5.811	152	1	56	0	0	0	152
ALL HOURS	47.9	6.523	3187	78	1400	0	0	0	3187

E - 5 - 2 - 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	36.1	7.865	585	181	25	0	0	0	585
09-11	37.5	7.418	594	138	33	0	0	0	594
12-14	40.2	6.905	586	67	55	0	0	0	586
15-17	40.2	6.790	561	65	52	0	0	0	561
18-20	38.2	6.822	494	106	19	0	0	0	494
21-23	37.3	6.605	131	34	3	0	0	0	131
ALL HOURS	38.4	7.298	2951	591	187	0	0	0	2951

MONTH: DEC

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	33.6	8.497	529	206	8	0	0	0	529
09-11	34.5	8.094	614	223	8	0	0	0	614
12-14	35.9	6.972	625	180	9	0	0	0	625
15-17	35.7	6.877	573	173	11	0	0	0	573
18-20	34.4	7.211	437	162	5	0	0	0	437
21-23	32.9	6.773	82	39	0	0	0	0	82
ALL HOURS	34.8	7.610	2860	983	41	0	0	0	2860

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	42.2	11.877	7571	1496	2363	7	0	0	7571
09-11	44.9	12.611	7796	1221	3202	115	0	0	7796
12-14	47.2	12.130	7585	850	3582	241	6	0	7585
15-17	47.5	12.081	7143	778	3417	245	9	0	7143
18-20	46.3	12.364	6058	824	2721	153	4	0	6058
21-23	45.4	12.332	1607	234	689	18	2	0	1607
ALL HOURS	45.5	12.370	37760	5403	15974	779	21	0	37760

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	27.5	11.342	616	258	119	616	0	616
09-11	28.4	10.915	659	234	137	659	0	659
12-14	29.6	10.036	654	209	152	654	0	654
15-17	29.	9.723	628	188	144	628	0	628
18-20	28.4	10.373	506	182	100	506	0	506
21-23	26.4	11.472	117	47	20	117	0	117
ALL HOURS	28.7	10.590	3180	1118	672	3180	0	3180

MONTH: FEB

00-02	0	.000	0	0	0	0	0	612
03-05	.0	.000	0	0	0	0	0	612
06-08	25.7	10.496	603	272	52	603	0	612
09-11	26.5	10.092	629	263	74	629	0	612
12-14	28.5	9.317	612	230	106	612	0	612
15-17	28.9	9.287	580	222	107	580	0	612
18-20	28.7	9.309	470	175	64	470	0	612
21-23	27.7	9.323	129	53	14	129	0	612
ALL HOURS	27.7	9.820	3023	1215	417	3023	0	3023

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360 STATION NAME: FULDA AAF DL PERIOD OF RECORD: MAR 81 - FEB 91
LST TO UTC: - 1 MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	33.5	7.332	683	109	216	683	0	683
09-11	35.2	7.064	713	82	309	713	0	713
12-14	36.1	6.985	686	69	324	685	0	686
15-17	36.0	7.045	639	70	299	637	0	639
18-20	35.8	7.187	534	65	236	534	0	534
21-23	35.2	6.819	143	15	55	143	0	143
ALL HOURS	35.3	7.205	3398	410	1439	3395	0	3398

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	639
03-05	.0	.000	0	0	0	0	0	639
06-08	37.3	6.164	674	35	396	674	0	639
09-11	38.9	6.618	683	36	459	683	0	639
12-14	39.7	7.405	639	31	416	636	0	639
15-17	39.8	7.085	591	27	396	587	0	639
18-20	39.1	6.432	531	22	347	530	0	639
21-23	38.9	6.219	143	7	97	143	0	639
ALL HOURS	38.9	6.830	3261	158	2111	3253	0	3261

E - 5 - 3 - 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	44.9	5.905	651	1	596	640	0	651
09-11	46.2	6.334	654	0	606	628	0	654
12-14	46.3	6.115	621	0	578	590	1	621
15-17	46.2	5.855	562	0	526	534	0	562
18-20	46.3	5.945	471	0	440	448	0	471
21-23	46.0	6.062	130	0	123	124	0	130
ALL HOURS	45.9	6.106	3089	1	2869	2964	1	3089

MONTH: JUN

00-02	.0	.000	0	0	0	0	0	622
03-05	.0	.000	0	0	0	0	0	622
06-08	50.3	5.519	654	0	651	545	0	622
09-11	51.1	6.065	665	0	665	520	2	622
12-14	50.9	6.140	622	0	617	493	4	622
15-17	51.3	6.051	574	0	572	457	4	622
18-20	51.7	5.708	499	0	499	399	8	622
21-23	51.8	5.496	144	0	144	114	1	622
ALL HOURS	51.0	5.953	3158	0	3148	2528	19	3158

E - 5 - 3 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	53.2	4.921	651	0	651	468	1	651
09-11	54.1	5.425	647	0	647	419	6	647
12-14	53.7	5.332	626	0	626	443	17	626
15-17	53.7	5.431	603	0	603	423	12	603
18-20	54.1	5.331	531	0	531	353	10	531
21-23	54.9	5.070	152	0	152	90	3	152
ALL HOURS	53.8	5.318	3210	0	3210	2196	49	3210

MONTH: AUG

00-02	.0	.000	0	0	0	0	0	656
03-05	.0	.000	0	0	0	0	0	656
06-08	52.9	5.065	661	0	661	477	1	656
09-11	54.9	5.153	662	0	662	381	5	656
12-14	54.3	5.369	656	0	656	409	6	656
15-17	54.2	5.442	628	0	628	390	5	656
18-20	54.4	5.591	560	0	560	319	2	656
21-23	54.7	5.671	163	0	163	93	2	656
ALL HOURS	54.2	5.428	3330	0	3330	2069	21	3330

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	47.9	5.878	630	0	609	582	0	630
09-11	50.3	5.455	634	0	634	529	1	634
12-14	50.9	6.085	627	0	625	496	4	627
15-17	50.8	6.092	597	0	592	484	4	597
18-20	50.8	6.105	504	0	498	402	6	504
21-23	50.3	6.331	121	0	119	98	1	121
ALL HOURS	50.1	6.084	3113	0	3077	2591	16	3113

MONTH: OCT

00-02	.0	.000	0	0	0	0	0	631
03-05	.0	.000	0	0	0	0	0	631
06-08	43.2	7.020	634	11	528	624	0	631
09-11	45.0	6.745	642	6	571	623	0	631
12-14	45.8	6.535	631	2	569	610	0	631
15-17	46.3	6.348	607	4	566	583	0	631
18-20	46.1	6.221	521	3	475	502	0	631
21-23	45.1	6.344	152	1	136	151	0	631
ALL HOURS	45.2	6.699	3187	27	2845	3093	0	3187

E - 5 - 3 - 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	34.7	8.169	585	100	250	585	0	585
09-11	35.6	7.709	594	74	274	594	0	594
12-14	37.1	7.363	586	53	309	586	0	586
15-17	37.2	7.266	561	52	310	561	0	561
18-20	36.2	7.360	494	57	252	494	0	494
21-23	35.5	7.101	131	18	62	131	0	131
ALL HOURS	36.1	7.647	2951	354	1457	2951	0	2951

MONTH: DEC

00-02	.0	.000	0	0	0	0	0	625
03-05	.0	.000	0	0	0	0	0	625
06-08	32.0	8.725	529	132	158	526	0	625
09-11	32.7	8.337	614	141	198	614	0	625
12-14	33.5	7.368	625	119	214	625	0	625
15-17	33.5	7.335	573	109	201	573	0	625
18-20	32.5	7.597	437	113	137	437	0	625
21-23	31.1	7.243	82	27	22	82	0	625
ALL HOURS	32.8	7.931	2860	641	930	2857	0	2860

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	40.5	11.924	7571	918	4887	7023	2	7571
09-11	41.6	12.044	7796	836	5236	6992	14	7796
12-14	42.2	11.436	7585	713	5192	6839	32	7585
15-17	42.3	11.351	7143	672	4944	6437	25	7143
18-20	42.3	11.747	6058	617	4139	5354	26	6058
21-23	42.3	12.115	1607	168	1107	1415	7	1607
ALL HOURS	41.8	11.744	37760	3924	25505	34100	106	37760

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JAN

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	99.5	99.5	98.7	96.6	86.7	57.1	89.3	616
09-11	100.0	100.0	100.0	100.0	99.5	98.8	95.4	83.3	51.0	87.9	659
12-14	100.0	99.8	99.5	98.9	98.3	96.3	86.2	71.6	36.7	83.1	654
15-17	100.0	99.8	99.5	98.7	98.2	97.6	88.4	74.2	33.6	83.5	628
18-20	100.0	100.0	100.0	99.4	98.8	98.4	94.5	82.0	45.8	86.8	506
21-23	100.0	100.0	100.0	99.1	99.1	98.3	94.9	79.5	53.8	87.4	117
ALL HOURS	100.0	99.9	99.8	99.3	98.9	98.0	92.2	79.4	45.1	86.1	3180

MONTH: FEB

00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	99.8	99.7	99.2	99.0	98.2	90.5	68.7	91.5	603
09-11	100.0	100.0	99.5	99.5	99.2	97.6	92.7	76.9	51.4	86.8	629
12-14	100.0	100.0	99.7	98.7	95.1	86.9	71.1	51.1	27.6	77.5	612
15-17	100.0	100.0	98.1	95.5	91.4	82.8	68.6	47.1	21.6	75.2	580
18-20	100.0	100.0	98.9	98.5	97.4	93.8	85.1	64.9	35.3	82.0	470
21-23	100.0	100.0	100.0	99.2	98.4	97.7	91.5	73.6	46.5	85.3	129
ALL HOURS	100.0	100.0	99.3	98.4	96.6	92.3	83.6	66.7	41.6	82.8	3023

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAR

HOURS LST	10%	20%	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO								MEAN	TOTAL OBS
	30%	40%	50%	60%	70%	80%	90%					
00-02										.0		0
03-05										.0		0
06-08	100.0	100.0	100.0	100.0	100.0	99.6	97.8	89.2	56.1	89.8		683
09-11	100.0	100.0	100.0	100.0	99.4	96.5	88.4	71.8	32.5	83.4		713
12-14	100.0	100.0	99.7	96.5	90.7	80.2	69.4	43.6	17.2	74.1		686
15-17	100.0	100.0	99.4	95.5	87.0	75.4	62.1	37.7	14.6	71.7		639
18-20	100.0	100.0	100.0	99.4	94.9	87.5	77.2	55.6	23.8	78.3		534
21-23	100.0	100.0	100.0	100.0	100.0	94.4	85.3	67.1	30.8	82.4		143
ALL HOURS	100.0	100.0	99.8	98.4	94.8	88.3	79.6	60.4	29.3	79.8		3398

MONTH: APR

00-02											.0	0
03-05											.0	0
06-08	100.0	100.0	100.0	100.0	99.4	97.9	94.5	81.5	49.3	87.8		674
09-11	100.0	100.0	99.9	97.8	91.7	77.6	64.6	47.4	21.1	74.5		683
12-14	100.0	100.0	98.6	88.7	75.1	59.9	44.8	27.1	8.9	64.9		639
15-17	100.0	100.0	98.6	89.0	74.1	54.0	39.3	24.7	8.5	63.3		591
18-20	100.0	100.0	99.4	95.1	84.0	66.5	53.1	35.4	11.7	69.1		531
21-23	100.0	100.0	100.0	98.6	93.0	83.2	65.0	46.2	14.7	74.4		143
ALL HOURS	100.0	100.0	99.4	94.5	85.8	72.5	60.4	44.3	20.4	72.5		3261

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	99.8	99.1	96.6	91.4	75.9	37.3	85.3	651
09-11	100.0	100.0	100.0	96.2	86.5	68.0	49.8	30.4	9.5	68.8	654
12-14	100.0	100.0	98.9	86.6	66.5	46.7	30.9	20.1	6.3	60.2	621
15-17	100.0	100.0	98.8	81.5	61.4	46.8	31.7	20.3	7.1	59.2	562
18-20	100.0	100.0	99.4	90.4	75.2	57.3	45.0	27.8	12.7	65.6	471
21-23	100.0	100.0	100.0	96.2	86.2	74.6	56.9	40.0	19.2	72.2	130
ALL HOURS	100.0	100.0	99.4	91.5	78.8	64.6	51.1	36.1	15.2	68.4	3089

MONTH: JUN

00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	100.0	99.8	98.6	93.4	75.1	31.0	85.1	654
09-11	100.0	100.0	99.7	98.8	92.0	76.4	51.6	27.1	5.7	69.9	665
12-14	100.0	100.0	98.6	93.6	74.9	50.8	28.5	15.6	3.9	61.3	622
15-17	100.0	100.0	98.8	90.8	72.5	45.6	30.1	15.7	3.8	60.5	574
18-20	100.0	100.0	99.8	95.8	87.4	62.5	40.1	23.4	5.8	66.5	499
21-23	100.0	100.0	100.0	100.0	97.9	87.5	65.9	39.6	9.0	75.0	144
ALL HOURS	100.0	100.0	99.4	96.1	86.3	68.7	50.5	32.7	10.4	69.3	3158

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	100.0	100.0	99.8	94.5	76.3	31.6	85.6	651
09-11	100.0	100.0	100.0	99.1	90.1	72.2	44.5	22.4	5.7	68.1	647
12-14	100.0	100.0	98.9	91.5	66.6	39.9	22.8	10.7	3.5	58.0	626
15-17	100.0	100.0	98.0	85.4	58.7	35.0	20.9	8.1	1.2	55.6	603
18-20	100.0	100.0	99.2	93.4	77.1	52.4	29.4	15.4	3.2	61.9	531
21-23	100.0	100.0	100.0	100.0	98.7	85.5	50.7	27.0	7.9	72.0	152
ALL HOURS	100.0	100.0	99.3	94.3	79.9	61.9	43.8	27.4	9.4	66.5	3210

MONTH: AUG

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	99.8	99.4	98.5	94.7	81.2	49.0	88.2	661
09-11	100.0	100.0	100.0	98.9	93.2	77.5	49.4	29.5	10.9	71.1	662
12-14	100.0	100.0	99.4	91.3	68.9	39.8	18.8	9.8	3.4	58.0	656
15-17	100.0	100.0	98.1	87.9	63.5	37.3	17.5	9.6	3.3	56.6	628
18-20	100.0	100.0	99.6	96.1	84.3	61.3	33.4	15.9	6.1	64.7	560
21-23	100.0	100.0	100.0	100.0	98.2	89.0	66.9	35.0	9.2	75.2	163
ALL HOURS	100.0	100.0	99.5	95.1	82.8	64.5	44.5	30.1	14.7	68.3	3330

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: SEP

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	100.0	100.0	99.7	97.5	90.3	67.1	91.8	630
09-11	100.0	100.0	100.0	100.0	99.1	92.3	77.8	51.6	20.5	79.3	624
12-14	100.0	100.0	100.0	99.7	90.0	64.6	34.6	14.0	3.8	65.6	627
15-17	100.0	100.0	100.0	96.1	85.1	61.3	33.8	16.2	3.7	64.5	597
18-20	100.0	100.0	100.0	98.8	95.6	84.9	64.3	35.1	11.7	73.8	504
21-23	100.0	100.0	100.0	99.2	98.3	94.2	81.0	57.9	21.5	80.2	121
ALL HOURS	100.0	100.0	100.0	99.0	94.2	81.1	62.6	42.7	22.0	75.4	3113

MONTH: OCT

00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	100.0	100.0	99.5	98.9	95.9	68.1	92.8	634
09-11	100.0	100.0	100.0	100.0	99.4	97.7	92.4	74.8	38.5	85.5	642
12-14	100.0	100.0	100.0	98.4	94.3	84.0	64.3	37.7	12.0	73.7	631
15-17	100.0	100.0	99.7	98.4	94.6	86.0	67.9	37.9	11.2	74.0	607
18-20	100.0	100.0	100.0	100.0	98.8	95.2	87.3	68.7	29.0	82.9	521
21-23	100.0	100.0	100.0	100.0	99.3	97.4	92.0	80.3	40.8	86.6	152
ALL HOURS	100.0	100.0	99.9	99.4	97.5	92.7	82.6	63.9	32.5	82.0	3187

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	100.0	99.8	99.0	98.1	90.9	66.8	91.1	585
09-11	100.0	100.0	100.0	100.0	100.0	98.5	95.1	81.5	48.1	87.7	594
12-14	100.0	100.0	100.0	99.3	98.8	94.9	84.8	60.8	21.7	80.6	586
15-17	100.0	100.0	100.0	99.6	98.4	96.6	89.3	63.6	25.5	81.6	561
18-20	100.0	100.0	100.0	99.8	99.2	98.6	96.8	83.2	47.0	87.3	494
21-23	100.0	100.0	100.0	100.0	99.2	99.2	96.9	87.0	51.9	88.4	131
ALL HOURS	100.0	100.0	100.0	99.8	99.3	97.6	92.9	76.4	42.3	85.8	2951

MONTH: DEC

00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	100.0	100.0	99.6	97.2	88.3	60.7	90.0	529
09-11	100.0	100.0	100.0	100.0	100.0	99.3	96.7	86.6	51.5	88.4	614
12-14	100.0	100.0	100.0	100.0	100.0	97.6	92.0	76.3	38.9	85.1	625
15-17	100.0	100.0	100.0	100.0	99.8	98.3	92.8	78.7	43.5	86.1	573
18-20	100.0	100.0	100.0	99.8	99.8	99.8	97.9	85.6	51.7	88.1	437
21-23	100.0	100.0	100.0	100.0	100.0	100.0	100.0	81.7	53.7	88.9	82
ALL HOURS	100.0	100.0	100.0	100.0	99.9	98.9	95.3	82.8	48.9	87.5	2860

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 10536C

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	99.9	99.7	98.9	96.0	85.0	53.2	89.0	7571
09-11	100.0	100.0	99.9	99.2	95.8	87.5	74.6	56.6	28.5	79.2	7796
12-14	100.0	100.0	99.4	95.3	85.0	70.0	53.9	36.5	15.3	70.1	7585
15-17	100.0	100.0	99.1	93.2	82.1	68.0	53.4	36.0	14.7	69.3	7143
18-20	100.0	100.0	99.7	97.2	90.9	79.4	66.2	48.6	23.0	75.3	6058
21-23	100.0	100.0	100.0	99.4	97.3	91.3	77.4	57.9	28.2	80.1	1607
ALL HOURS	100.0	100.0	99.6	97.1	91.1	81.4	69.5	53.1	27.3	76.9	37760

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	FFFFFFFF
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTT	FFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRR	TT	FFFFFF
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	FFFFFF
PP	AAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

F - 1 - 1

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0700	MEAN	30.03	30.03	29.96	29.97	29.97	30.02	30.07	30.05	30.08	30.05	30.06	30.00	30.02
	SD	.369	.376	.305	.244	.231	.172	.143	.155	.212	.294	.300	.393	.279
	TOT OBS	211	206	228	229	221	222	221	222	212	215	198	187	2572
1000	MEAN	30.04	30.05	29.96	29.98	29.97	30.03	30.08	30.06	30.09	30.07	30.08	30.02	30.03
	SD	.372	.374	.305	.243	.230	.170	.143	.153	.213	.293	.303	.389	.281
	TOT OBS	221	209	238	228	218	222	216	221	211	211	198	205	2598
1300	MEAN	30.02	30.04	29.95	29.96	29.96	30.01	30.07	30.04	30.07	30.05	30.07	30.00	30.02
	SD	.371	.371	.306	.239	.229	.168	.139	.149	.210	.289	.286	.391	.279
	TOT OBS	220	207	232	207	203	206	207	218	209	213	197	210	2529
1600	MEAN	30.03	30.01	29.94	29.94	29.95	30.00	30.05	30.03	30.06	30.03	30.06	30.00	30.01
	SD	.370	.363	.304	.231	.221	.164	.135	.145	.206	.282	.287	.390	.274
	TOT OBS	213	195	215	203	198	201	207	212	206	202	189	192	2433
1900	MEAN	30.02	30.02	29.94	29.94	29.95	29.99	30.05	30.03	30.07	30.05	30.07	30.02	30.01
	SD	.370	.361	.304	.228	.210	.160	.134	.139	.202	.282	.293	.372	.269
	TOT OBS	171	160	179	179	158	168	180	185	171	173	169	147	2040
2200	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	MEAN	30.03	30.03	29.95	29.96	29.96	30.01	30.06	30.04	30.07	30.05	30.07	30.01	30.02
	SD	.370	.370	.305	.238	.225	.168	.140	.149	.209	.289	.294	.388	.277
	TOT OBS	1036	977	1092	1046	998	1019	1031	1058	1009	1014	951	941	12172

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0700	MEAN	28.96	28.96	28.89	28.90	28.90	28.95	29.00	28.98	29.00	28.98	28.99	28.93	28.95
	SD	.361	.365	.297	.235	.227	.167	.139	.150	.206	.286	.292	.382	.271
	TOT OBS	211	206	228	229	221	222	221	222	212	215	198	187	2572
1000	MEAN	28.97	28.97	28.89	28.91	28.90	28.95	29.00	28.98	29.02	29.00	29.01	28.95	28.96
	SD	.363	.363	.298	.235	.225	.165	.139	.149	.207	.285	.295	.378	.273
	TOT OBS	221	209	238	228	218	222	216	221	211	211	198	205	2598
1300	MEAN	28.95	28.96	28.89	28.89	28.89	28.94	29.00	28.97	29.00	28.98	29.00	28.93	28.95
	SD	.363	.360	.298	.230	.224	.162	.136	.145	.204	.281	.278	.380	.272
	TOT OBS	220	207	232	207	203	206	207	218	200	213	197	210	2529
1600	MEAN	28.96	28.94	28.87	28.87	28.88	28.93	28.98	28.96	28.98	28.96	28.99	28.93	28.94
	SD	.361	.352	.296	.223	.216	.159	.132	.141	.200	.274	.279	.379	.267
	TOT OBS	213	195	215	203	198	201	207	212	206	202	189	192	2433
1900	MEAN	28.95	28.95	28.88	28.87	28.88	28.92	28.97	28.96	28.99	28.98	29.00	28.95	28.94
	SD	.363	.351	.306	.220	.205	.155	.131	.135	.196	.273	.286	.362	.263
	TOT OBS	171	160	179	179	158	168	180	185	171	173	169	147	2040
2200	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	MEAN	28.96	28.96	28.88	28.89	28.89	28.94	28.99	28.97	29.00	28.98	29.00	28.94	28.95
	SD	.362	.359	.299	.230	.221	.163	.136	.145	.203	.281	.286	.377	.270
	TOT OBS	1036	977	1092	1046	998	1019	1031	1058	1009	1014	951	941	12172

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGG
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRRR	TT	GG
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	GG GGGG
PP	AAAAAAAA	RR RR	TT	GG GGGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGGG
PP	AA AA	RR RR	TT	GGGGGG

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PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 080-260

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A				0				0	8.3			616	9.3			659
CATEGORY B								0	14.8	.1		691	16.2	.5		755

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	11.9			654	8.1			628	7.1			506	6.8			117
CATEGORY B	20.1	.7		742	14.2	.7		685	12.9	.4	.2	536	11.8	.8		119

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	9.0			3063	9.0			3180
CATEGORY B	15.8	.5	.0	3409	15.7	.5	.0	3528

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 080-260

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A				0				0	5.8			604	7.2	.8		629
CATEGORY B				0				0	9.1	.1		694	11.3	1.2		737

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	9.4	.5	.2	614	9.3	.2		581	6.6			470	3.9			129
CATEGORY B	14.9	.6	.1	697	15.3	.2		666	9.6	.4	.2	522	6.6			137

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	7.7	.3	.0	2898	7.5	.3	.0	3027
CATEGORY B	12.1	.5	.1	3316	11.9	.5	.1	3453

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 080-260

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A				0				0	4.1			684	8.7			713
CATEGORY B				0				0	7.8			770	14.1	.1	.1	806

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	12.1			686	13.5			639	5.1			534	4.9			143
CATEGORY B	20.5	.3		746	19.8	.1		701	9.2			565	7.4			148

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	8.8			3256	8.6			3399
CATEGORY B	14.4	.1	.0	3588	14.2	.1	.0	3736

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 080-260

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A				0				0	.6			674	5.0			683
CATEGORY B				0				0	2.9			746	11.7	.3		746

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	9.2			639	9.5			591	6.0			531	1.4			143
CATEGORY B	16.9			682	14.5	.2		634	8.5			556	2.7			149

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	5.9			3118	5.7			3261
CATEGORY B	10.8	.1		3364	10.4	.1		3513

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 080-260

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A				0				0	1.7			651	4.1			654
CATEGORY B				0				0	2.8			704	7.7			685

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	8.4			621	7.8	.2		562	1.3			471	.8			130
CATEGORY B	13.8			660	13.2	.2		597	2.6			503	1.5			133

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	4.7	.0		2959	4.6	.0		3089
CATEGORY B	8.1	.0		3149	7.9	.0		3282

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 080-260

STATION NUMBER: 105360 STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A				0				0	1.5			654	2.3			665
CATEGORY B				0				0	2.5			763	5.3			712

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	5.6			622	4.9			574	1.8			499				144
CATEGORY B	11.1			687	8.3	.2		616	3.3			523				151

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	3.2			3014	3.1			3158
CATEGORY B	6.1	.0		3301	5.8	.0		3452

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 080-260

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A				0				0	.8			651	4.5			647
CATEGORY B				0				0	2.6			722	7.8			702

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	5.6			626	5.1			604	3.6			531	2.6			152
CATEGORY B	11.3	.1	.1	679	8.6	.2		663	3.8			577	3.7	.6		103

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	3.9			3059	3.8			3211
CATEGORY B	6.9	.1	.0	3343	6.7	.1	.0	3500

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 080-260

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A				0				0	.6			665	3.5			666
CATEGORY B				0				0	2.5			772	8.2			747

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	5.9			656	4.9			628	1.4			560	.6			164
CATEGORY B	10.7			713	10.3	.1		669	3.7	.3		596	1.2			170

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	3.3			3175	3.2			3339
CATEGORY B	7.1	.1		3497	6.8	.1		3667

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 080-260

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: SEP

.....
CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)
.....

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A				0				0	1.4			630	6.6			634
CATEGORY B				0				0	2.9			714	9.1			733

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TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	7.5			628	4.0			597	1.0			504				121
CATEGORY B	12.0			664	7.5			627	2.1			523	.8			125

.....

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	4.2			2993	4.1			3114
CATEGORY B	6.9			3261	6.7			3386

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 080-260

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: OCT

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CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)
.....

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A				0				0	2.2			634	5.9			642
CATEGORY B				0				0	5.3			717	9.4			745

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TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	9.7			632	5.4			607	3.3			521	2.6			151
CATEGORY B	16.1	.1		685	9.5			651	6.5			552	5.1			157

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TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	5.4			3036	5.2			3187
CATEGORY B	9.4	.0		3350	9.2	.0		3507

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 080-260

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A				0				0	2.7	.2		585	4.9			595
CATEGORY B				0				0	6.0	.1		670	7.6			696

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	6.5	.2		586	4.8			561	3.8			497	3.8			132
CATEGORY B	10.5	.2		659	8.3			626	8.4			538	5.8			139

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	4.6	.1		2824	4.5	.1		2956
CATEGORY B	8.1	.1		3189	8.0	.1		3328

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 080-260

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A				0				0	7.9			530	8.3			614
CATEGORY B				0				0	12.0			602	14.7	.1		702

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	10.2			625	8.0			573	6.2			437	4.9			82
CATEGORY B	15.9	.1		718	11.4	.3		630	9.5	.6		484	9.3			86

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	8.3			2779	8.2			2861
CATEGORY B	13.0	.2		3136	12.9	.2		3222

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 080-260

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: MAR 81 - FEB 91
MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A				0				0	3.0	.0		7578	5.8	.1		7801
CATEGORY B				0				0	5.8	.0		8565	10.3	.2	.0	8766

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	8.6	.1	.0	7589	7.2	.1		7145	3.9			6061	2.5			1608
CATEGORY B	14.6	.2	.0	8332	11.8	.2		7765	6.6	.1	.0	6475	4.4	.1		1677

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	5.8	.0	.0	36174	5.6	.0	.0	37782
CATEGORY B	9.9	.1	.0	39903	9.7	.1	.0	41580

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPP	AA AA	RRRRRRRR	TT	HHHHHHHH	HH
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	HHHHHHHH	HH
PP	AAAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (****) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR PART TIME PERIODS.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 65 - NOV 67

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1965	917	1006	849	583	351	144	163	194	288	548	896	****	5939
1966											880	882	1762
1967	939	753	696	594	313	.202	32	106	226	352	****		4213
MEAN	928	879	772	588	332	173	97	150	257	450	888	882	
SD	15.56	178.90	108.19	7.78	26.87	41.01	92.63	62.23	43.84	138.59	11.31		

H - 2 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 105360

STATION NAME: FULDA AAF DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 65 - NOV 67

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1965						12	19	10				****	41
1967					3	22	73	30	9		****		137
MEAN					1	17	46	20	4				
SD					2.12	7.07	38.18	14.14	6.36				

H - 3 - 1

A W S LIMITED CLIMATIC BRIEF NOV 91	STATION NAME: FULDA AAF DL												FIELD ELEV: 1000 FT		
	LATITUDE/LONGITUDE: 50 32 N 009 39 E												STATION MSC: 105360		
	HOURLY OBS POR: MAR 81 - FEB 91												CALL SIGN: EDEX		
	SUMMARY OF DAY POR: SEP 60-MAR 61, NOV 61-DEC 63, MAY 65-FEB 91												SUPERSEDES: JUL 70		
	HOURS SUMMARIZED: 0600 - 2100 LST														
	LST TO UTC: -01														
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
EXTRM MAX TEMP (F)	54	63	73	84	87	93	93	95	88	79	64	57	95	30	
MEAN MAX TEMP (F)	34	38	45	54	62	68	71	71	65	56	43	37	54	30	
MEAN TEMP (F)	31	33	40	46	54	60	63	62	57	49	40	34	48	30	
MEAN MIN TEMP (F)	27	28	33	38	46	52	54	53	48	43	36	31	41	30	
EXTRM MIN TEMP (F)	-13	-6	0	21	29	32	38	35	30	23	7	-7	-13	30	
D/W TEMP GE 80 (F)	0	0	0	#	1	3	7	5	1	0	0	0	17	30	
D/W TEMP GE 70 (F)	0	0	1	2	7	14	16	17	9	1	0	0	67	30	
D/W TEMP LT 33 (F)	19	18	13	6	1	#	0	0	1	3	11	16	88	30	
D/W TEMP LT 20 (F)	7	5	2	0	0	0	0	0	0	0	1	4	19	30	
HEATING DEGREE DAYS	928	879	772	588	332	173	97	150	257	450	888	882	6396	3	
COOLING DEGREE DAYS	0	0	0	0	1	17	46	20	4	0	0	0	88	3	
MEAN DEWPOINT TEMP (F)	28	27	35	38	45	51	53	54	50	45	36	32	41	10	
MEAN WET BULB TEMP (F)	31	30	38	43	51	55	59	59	53	47	38	34	45	10	
99.95% WCPA (FT)	2000	2000	1900	1650	1650	1400	1300	1350	1500	1750	1750	2050	1750	10	
MEAN REL HUM 07 LST(%)	89.3	91.5	89.8	87.8	85.3	85.1	85.6	89.2	91.8	92.8	91.1	90.0	89.0	10	
MEAN REL HUM 13 LST(%)	83.1	77.5	74.1	64.9	60.2	61.3	58.0	58.0	65.6	73.7	80.6	85.1	70.1	10	
MAX 24HR PRECIP (IN)	.95	1.17	1.49	1.51	1.43	2.63	1.70	3.07	1.52	1.82	2.43	1.40	3.07	30	
MAX PRECIP (IN)	4.24	3.65	3.96	4.02	6.17	6.13	5.73	5.22	3.70	5.78	5.46	5.38	33.24	30	
MEAN PRECIP (IN)	1.32	2.02	1.98	2.05	2.30	3.02	2.61	2.82	1.72	1.42	2.41	2.47	27.40	30	
MIN PRECIP (IN)	.70	.35	1.02	.89	1.27	1.14	.51	1.13	.58	.34	.28	.29	24.96	30	
D/W PRECIP GE .01 (IN)	17	13	16	15	16	16	13	14	14	14	16	18	182	30	
D/W PRECIP GT .50 (IN)	1	1	1	1	1	2	2	2	1	1	1	2	16	30	
MAX 24HR SNFL (IN)	5.1	6.0	4.5	1.8	.2	0	0	0	0	.2	7.0	5.4	7.0	31	
MAX SNFL (IN)	16.3	19.5	11.3	5.5	.2	0	0	0	0	.2	11.7	17.2	48.2	31	
MEAN SNFL (IN)	6.4	6.3	2.1	.7	#	0	0	0	0	0	4.1	5.7	25.0	31	
D/W SNFL GE .1 (IN)	6	5	3	2	#	0	0	0	0	#	3	5	24	31	
D/W SNFL GE 1.5 (IN)	1	1	1	1	0	0	0	0	0	0	1	1	6	31	
MAX DLY SNO DEPTH (IN)	18	18	12	2	0	0	0	0	0	#	4	10	18	31	
PRVING WND DIR (DEG)	20-22	\$20-22	\$20-22	\$02-04	\$20-22	\$20-22	\$32-34	\$20-22	\$20-22	20-22	\$20-22	20-22	\$20-22	10	
MEAN WND SPD (KTS)	6	6	6	6	5	5	5	5	5	5	5	6	5	10	
MAX WND SPD (KTS)	54	72	62	46	42	42	51	60	49	52	49	57	72	26	
SKY COVER GT 5/10 (%)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
D/W THUNDERSTORMS	#	1	1	1	3	5	4	4	1	1	#	1	22	30	
D/W FOG (VSBY LT 7 MI)	21	19	19	16	14	14	14	16	17	20	20	20	210	30	
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY															
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	06 - 08	59.9	58.2	53.0	45.0	36.1	24.0	21.7	36.4	48.7	55.3	55.9	63.6	46.5	10
	09 - 11	55.5	58.0	48.1	31.5	19.3	14.1	11.1	15.2	28.1	46.0	53.2	60.0	36.7	10
	12 - 14	51.1	44.8	37.0	21.3	12.6	8.5	5.0	7.0	7.8	27.5	35.7	54.2	26.0	10
	15 - 17	50.3	33.7	29.0	17.5	10.3	7.1	3.1	5.1	5.5	20.3	30.4	50.6	21.9	10
	18 - 20	47.3	37.7	30.1	15.4	8.1	5.6	2.4	4.5	6.7	22.5	35.6	53.3	22.4	10
	21 - 23	44.4	37.2	30.1	11.3	6.9	6.9	3.3	7.9	7.5	21.1	37.1	43.9	21.5	10
	ALL	52.7	46.6	39.7	26.2	17.6	12.1	8.8	13.7	19.6	34.2	42.3	56.0	30.5	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	06 - 08	40.7	46.9	40.3	33.4	24.4	15.1	13.5	33.2	39.5	43.9	40.7	43.0	34.5	10
	09 - 11	37.3	44.1	32.1	19.3	7.2	3.5	4.3	10.8	19.6	30.5	37.9	35.2	23.5	10
	12 - 14	32.6	28.5	19.2	8.0	4.3	2.7	1.1	2.9	2.4	13.9	24.9	30.1	14.2	10
	15 - 17	30.1	19.3	14.7	7.1	4.4	.9	1.0	2.7	3.4	8.6	18.1	30.0	11.7	10
	18 - 20	29.3	25.3	17.0	8.9	3.6	1.4	.6	2.5	5.2	13.6	22.7	30.2	13.4	10
	21 - 23	27.4	29.5	16.1	4.3	4.6	4.9	2.6	4.3	5.0	13.2	20.5	28.0	13.4	10
	ALL	34.0	33.2	24.8	15.4	9.1	5.0	4.2	10.5	14.1	22.1	28.8	33.5	19.4	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	06 - 08	25.0	32.5	26.5	24.5	13.8	9.2	8.0	24.5	34.3	31.1	29.4	26.4	23.8	10
	09 - 11	25.6	30.3	18.9	12.6	2.0	1.8	2.3	6.9	14.4	22.1	26.3	25.1	15.7	10
	12 - 14	22.1	16.9	9.6	4.1	1.1	1.3	.5	.9	1.4	6.3	15.0	17.8	8.1	10
	15 - 17	20.7	11.9	7.4	3.6	1.8	.7	.3	1.3	1.8	3.5	11.9	19.2	7.0	10
	18 - 20	21.0	13.8	8.6	3.4	1.9	.8	.2	1.1	2.4	4.8	11.7	20.1	7.5	10
	21 - 23	19.7	10.9	8.4	1.4	1.5	.7	1.3	1.8	.8	3.3	12.9	14.6	6.4	10
	ALL	22.8	21.1	14.3	9.8	4.2	2.8	2.3	6.9	10.9	13.5	18.9	21.5	12.3	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	06 - 08	7.1	9.0	7.9	8.0	5.5	2.6	2.9	13.5	24.0	17.7	11.8	4.9	9.6	10
	09 - 11	6.7	8.3	4.2	1.8	.0	.0	.0	.8	5.4	8.6	9.6	4.6	4.2	10
	12 - 14	3.2	2.3	1.0	.0	.0	.0	.0	.0	.0	.3	2.7	2.9	1.0	10
	15 - 17	1.1	1.4	.8	.0	.0	.0	.0	.0	.0	.0	.9	3.7	.7	10
	18 - 20	2.0	1.3	.7	.0	.0	.0	.2	.0	.0	.6	2.8	2.3	.8	10
	21 - 23	4.3	.8	.7	.0	.0	.0	.0	.0	.0	.7	2.3	1.2	.8	10
	ALL	4.1	4.5	3.0	2.0	1.2	.5	.6	2.8	5.9	5.4	5.5	3.6	3.2	10

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS : @

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